

Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

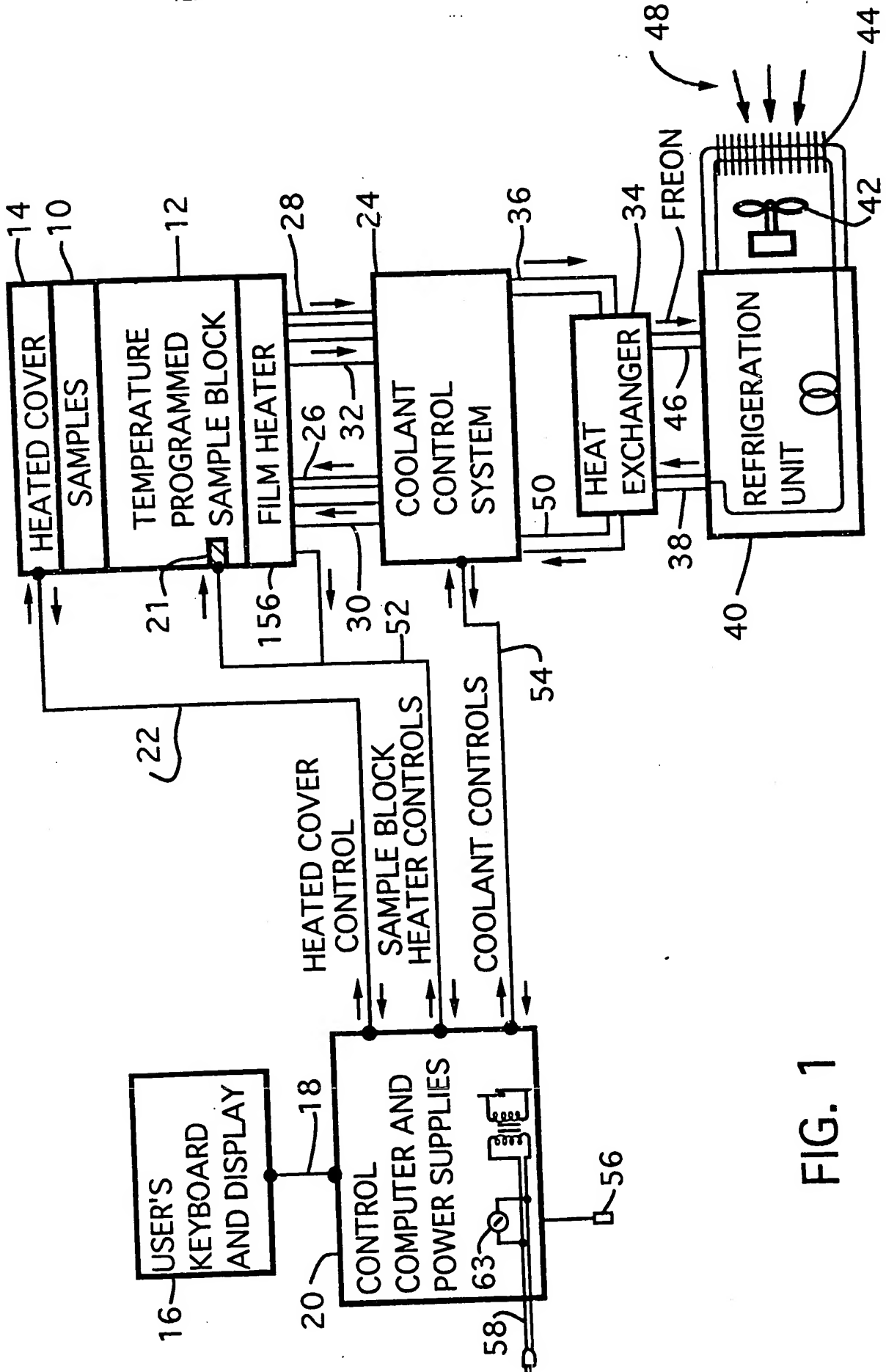
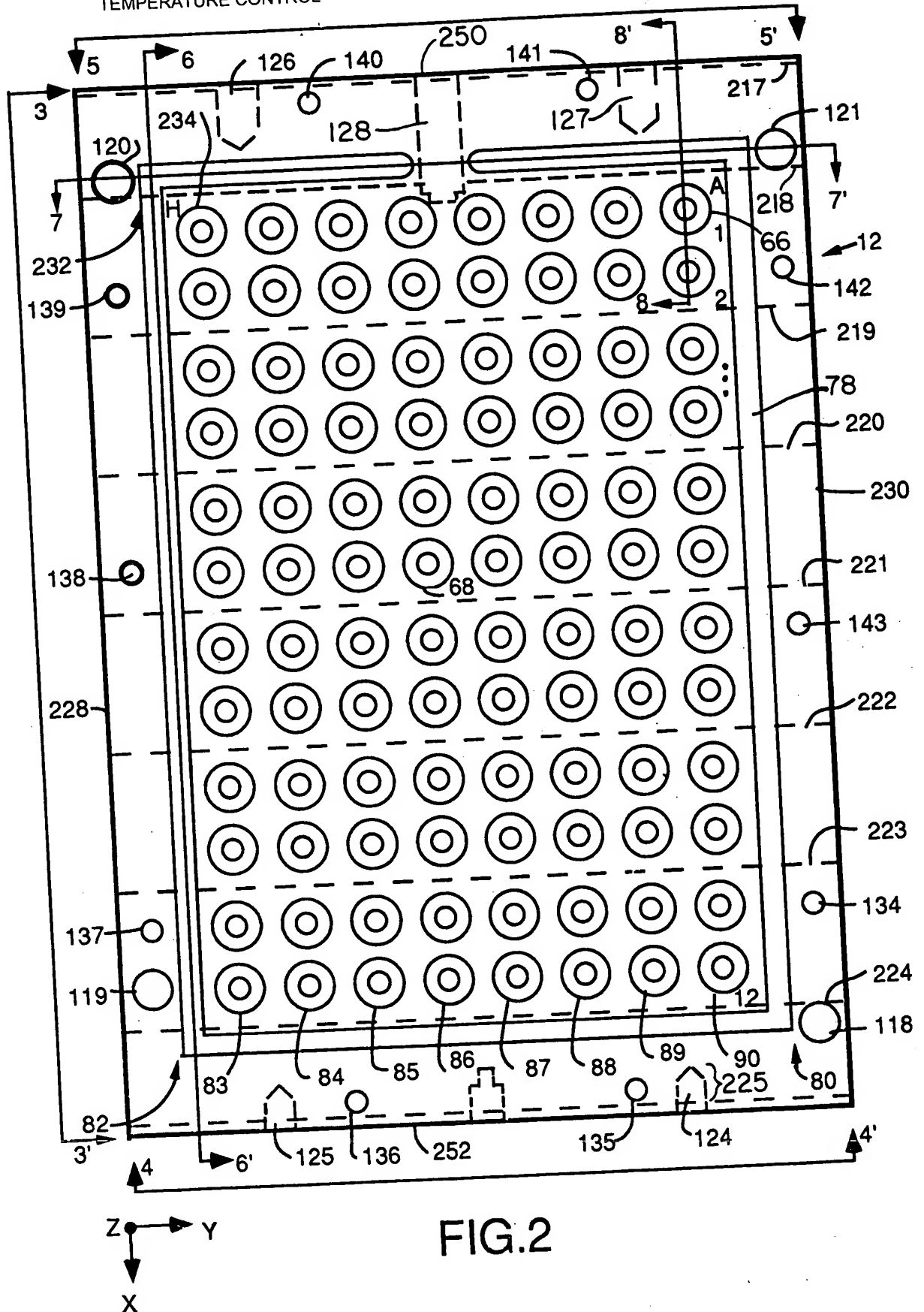


FIG. 1



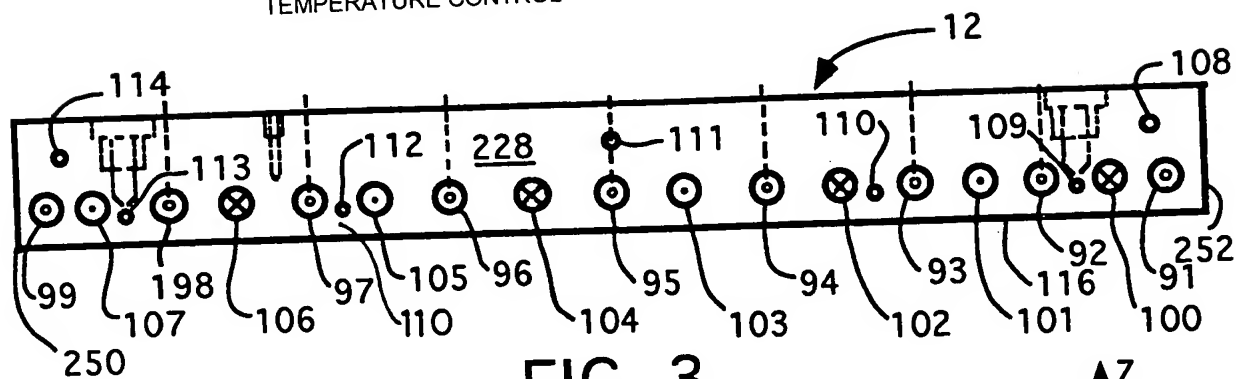


FIG. 3

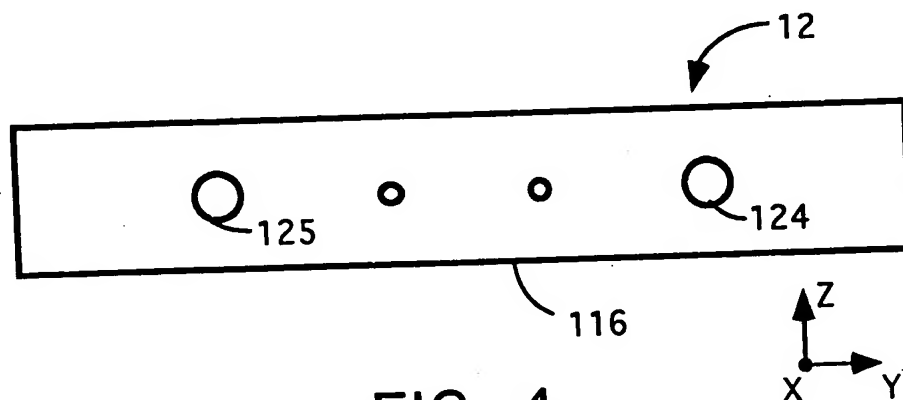


FIG. 4

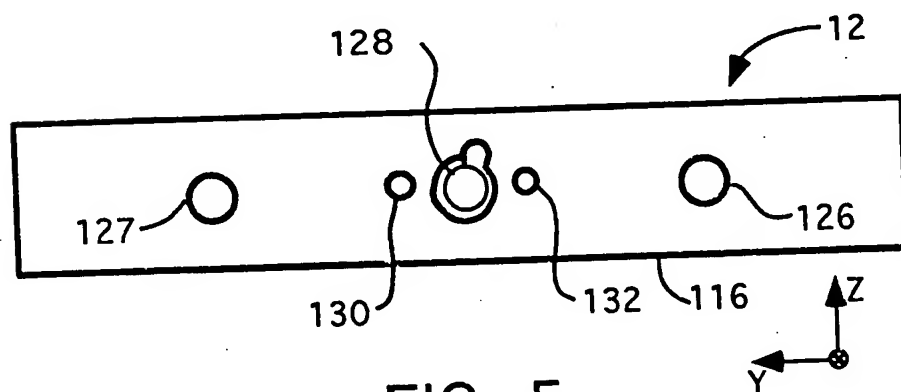


FIG. 5

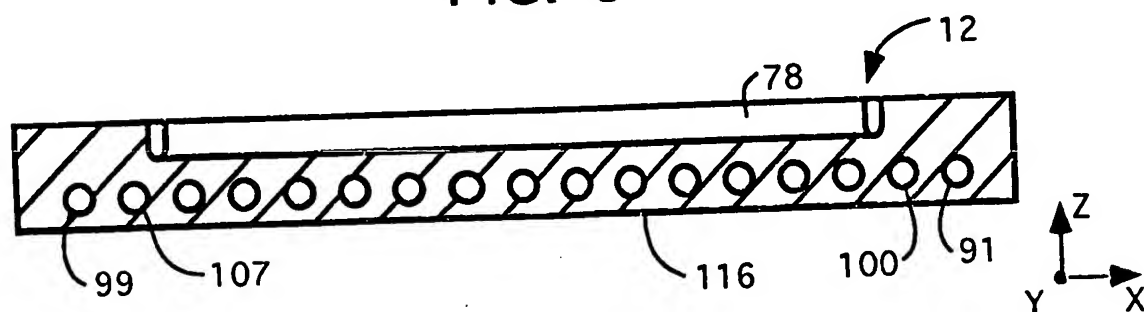


FIG. 6

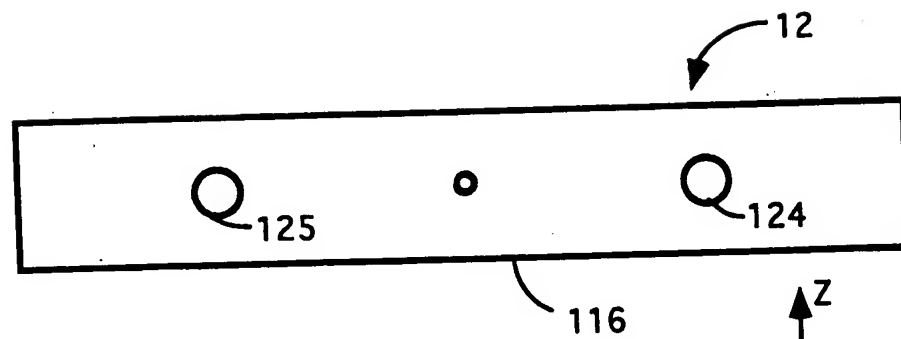


FIG. 4.1

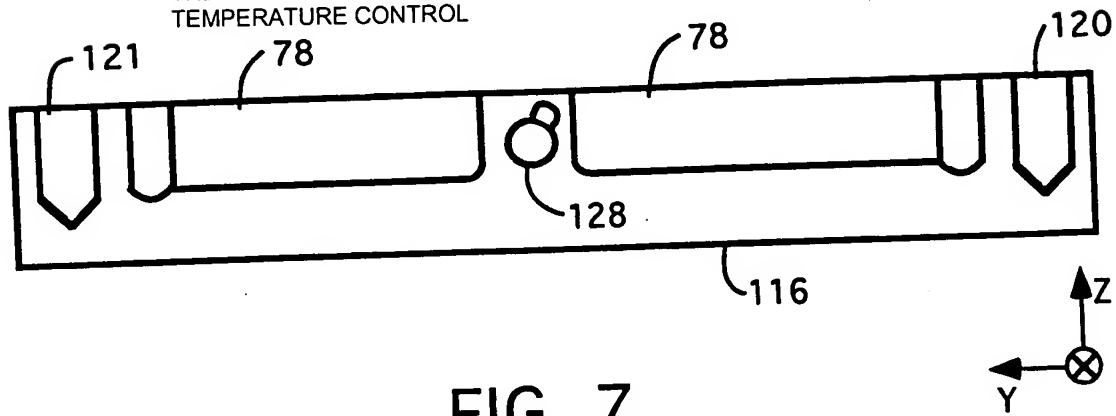


FIG. 7

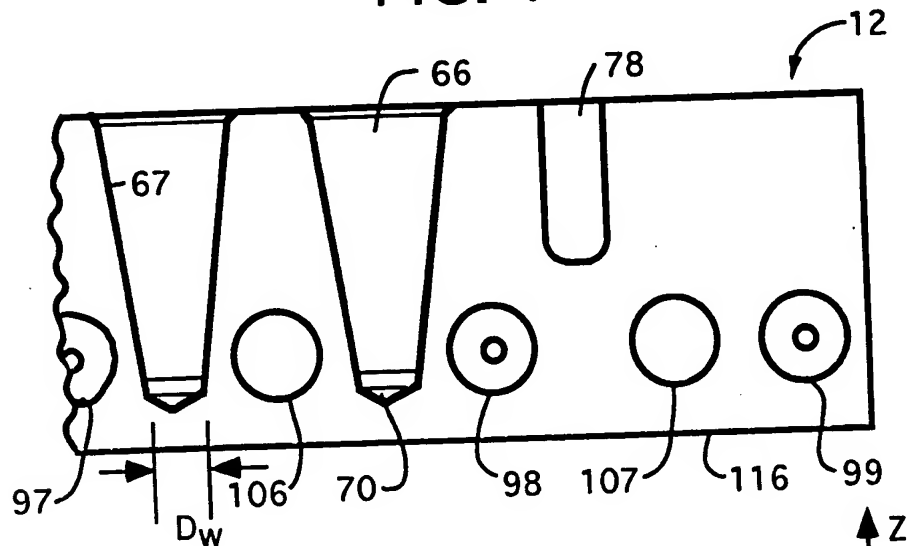


FIG. 8

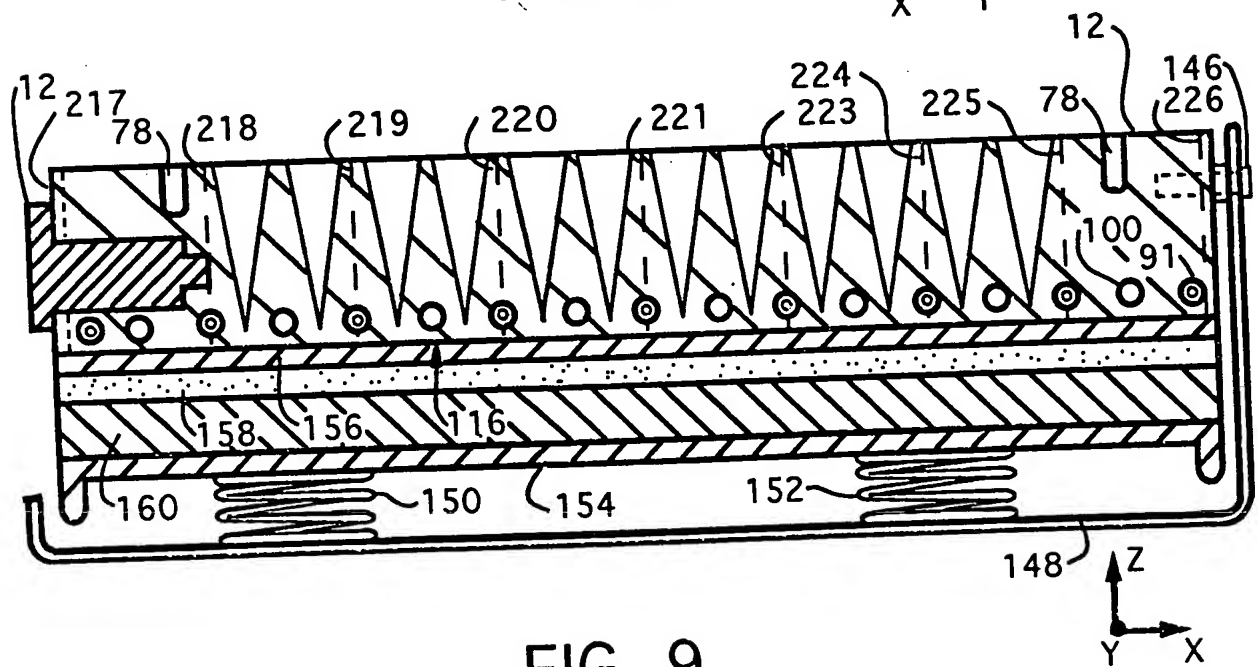


FIG. 9

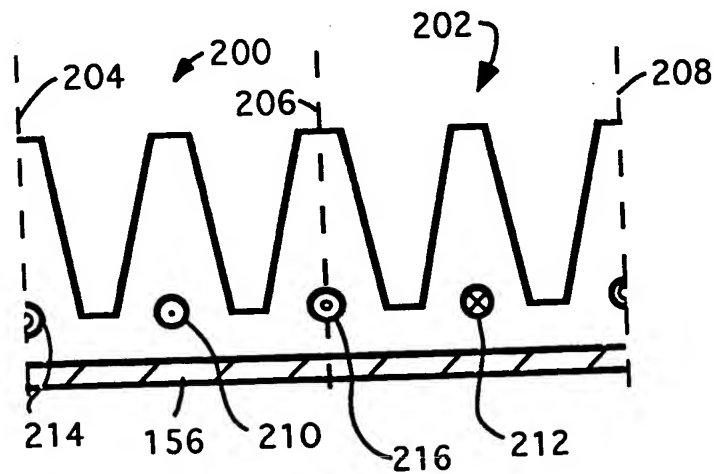
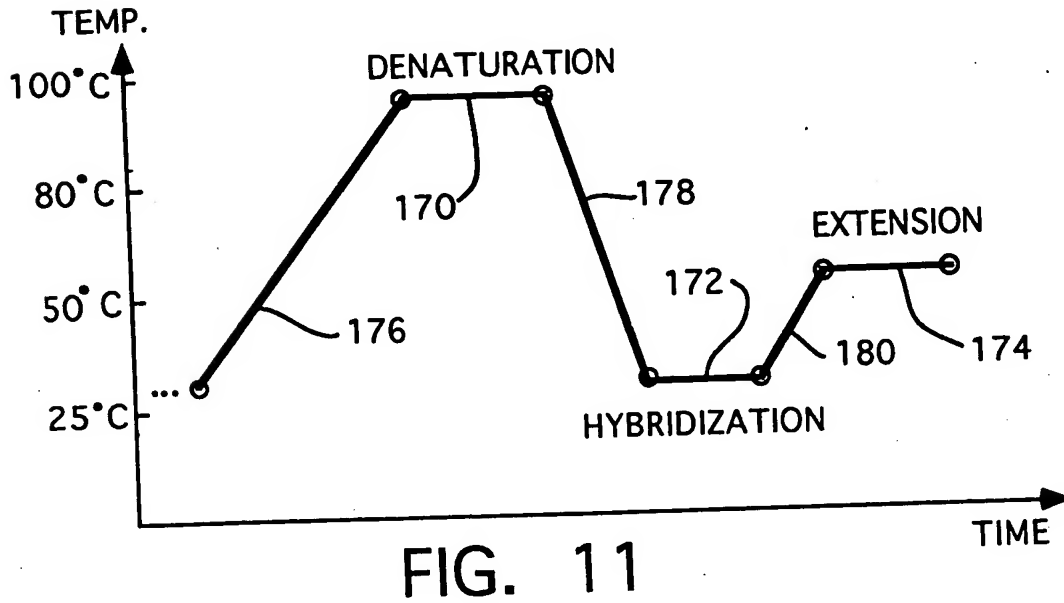
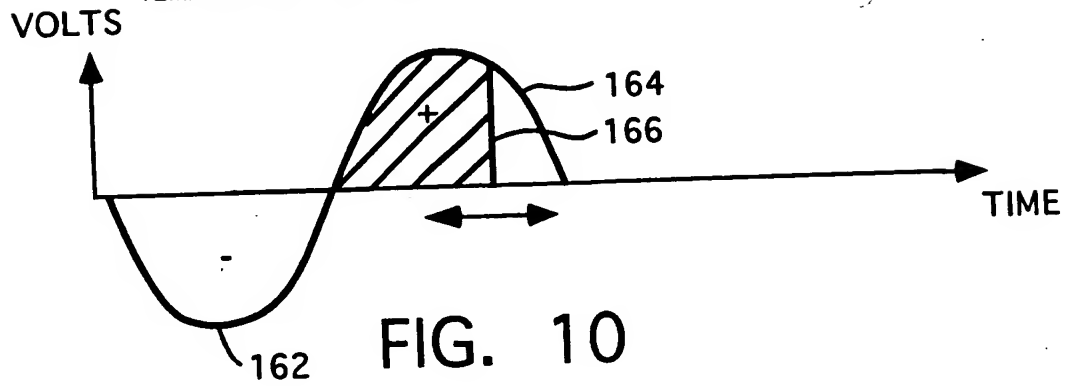


FIG. 12

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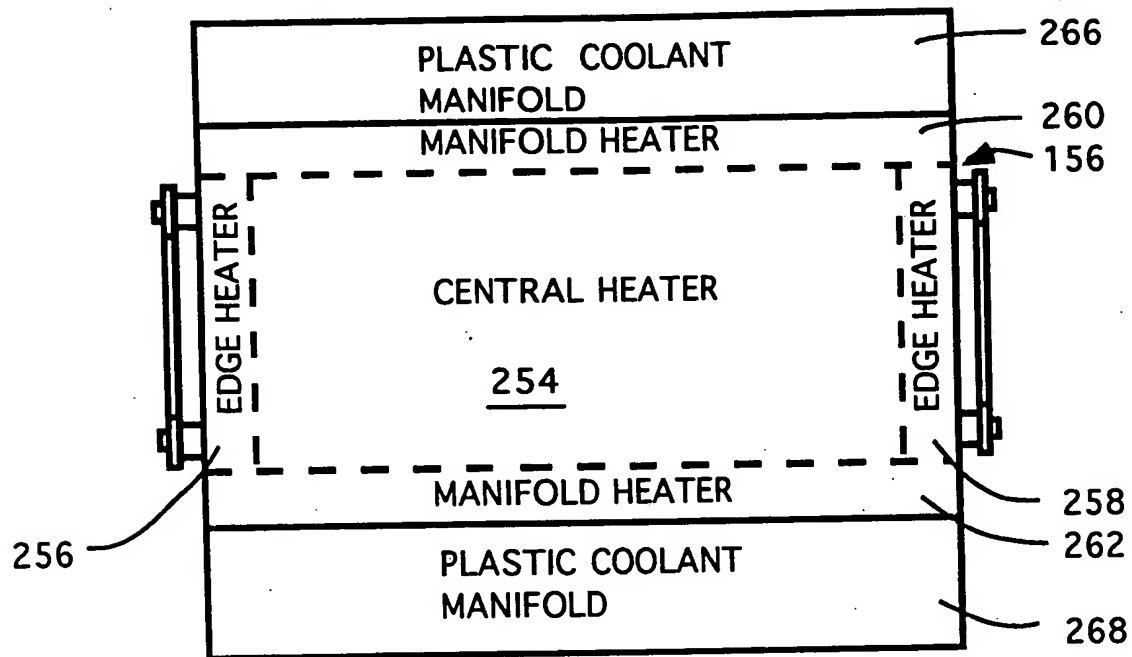
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
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TEMPERATURE CONTROL

FIG. 13

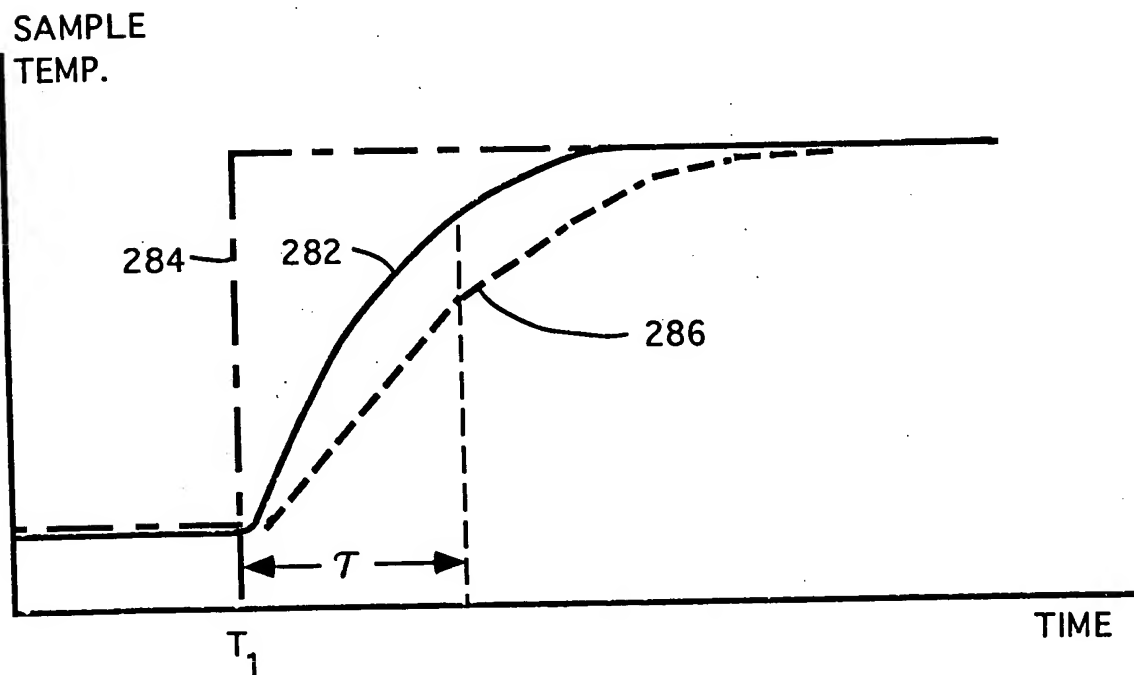


FIG. 14

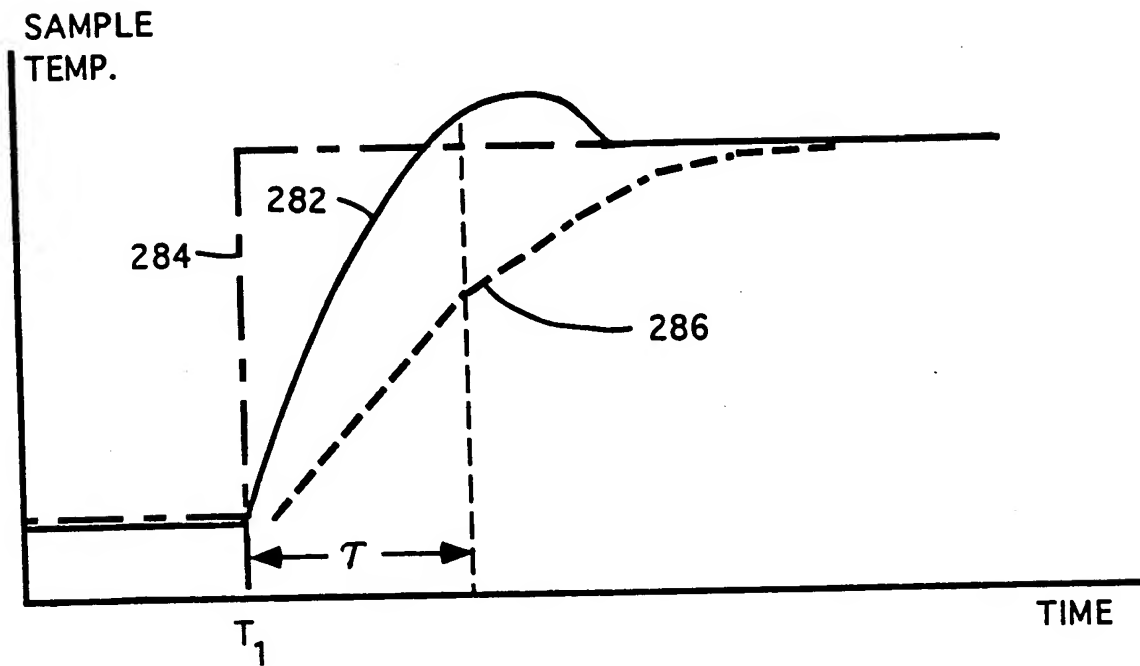


FIG. 14.1

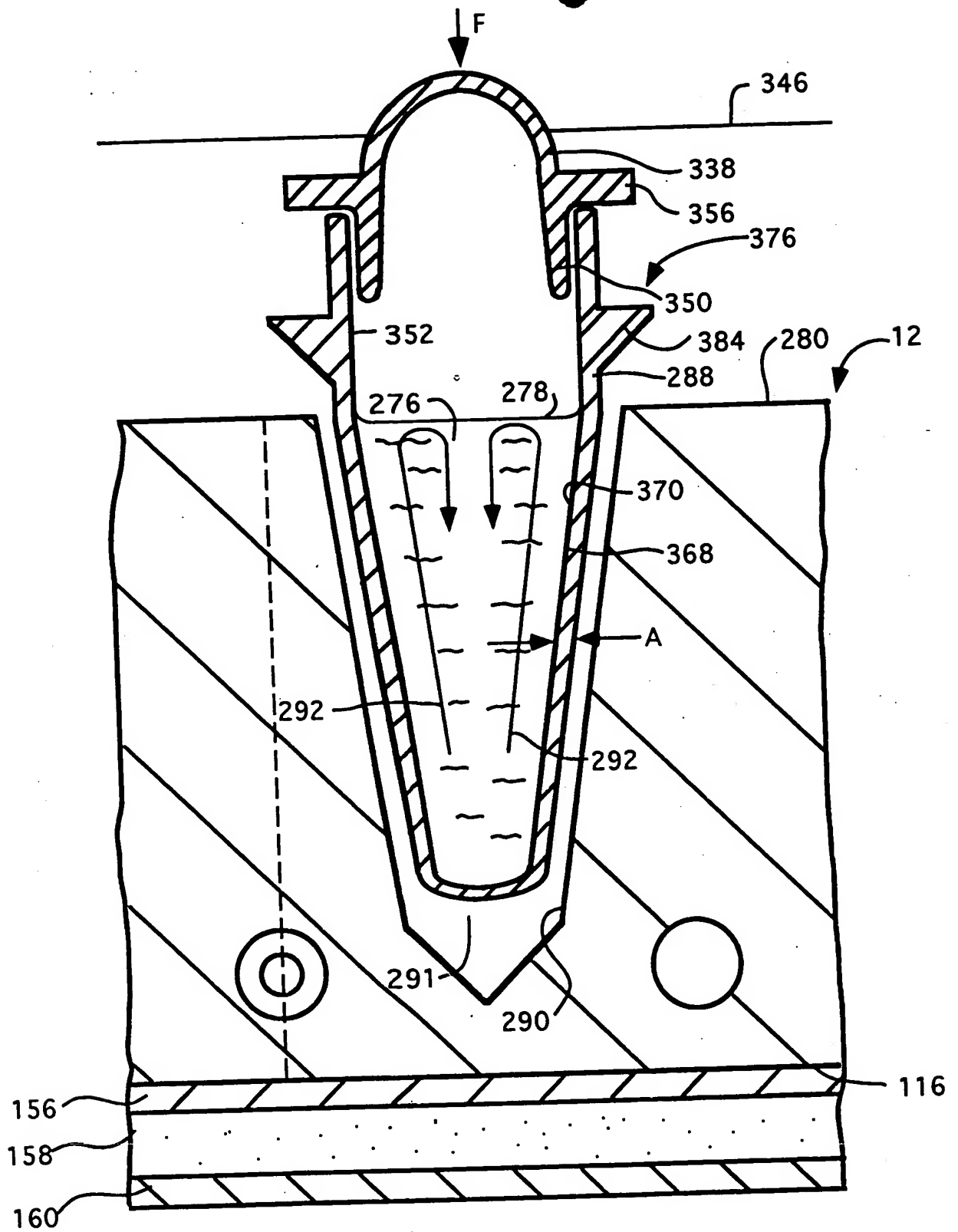


FIG. 15

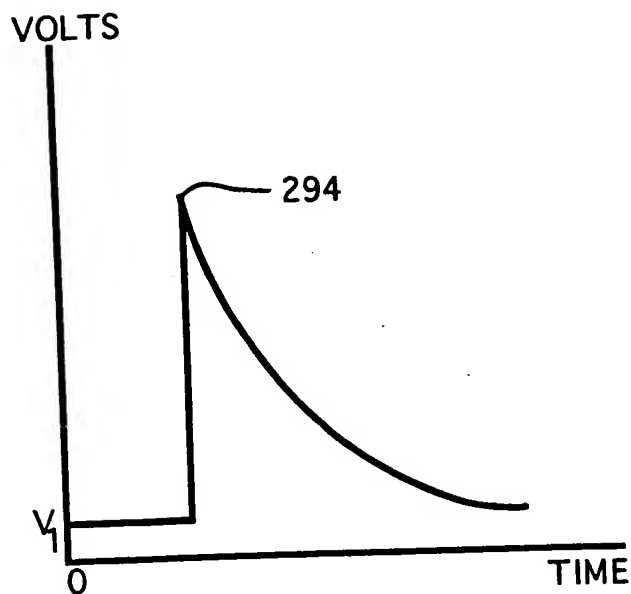


FIG. 16A

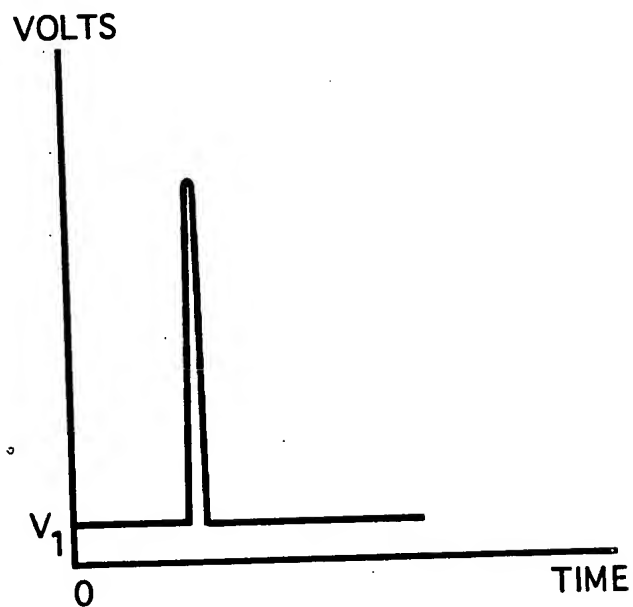


FIG. 16B

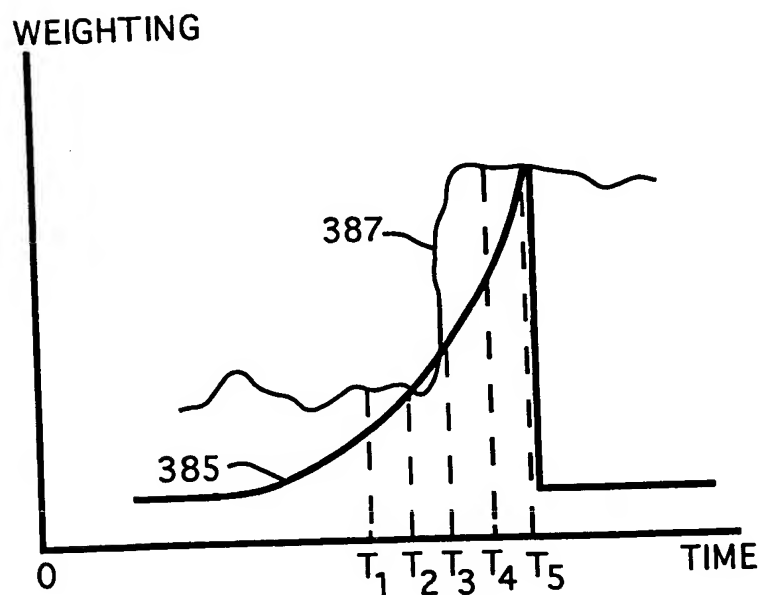


FIG. 16C

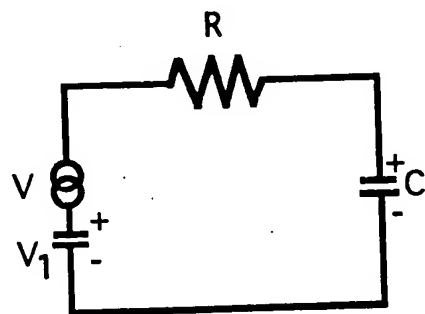


FIG. 16D

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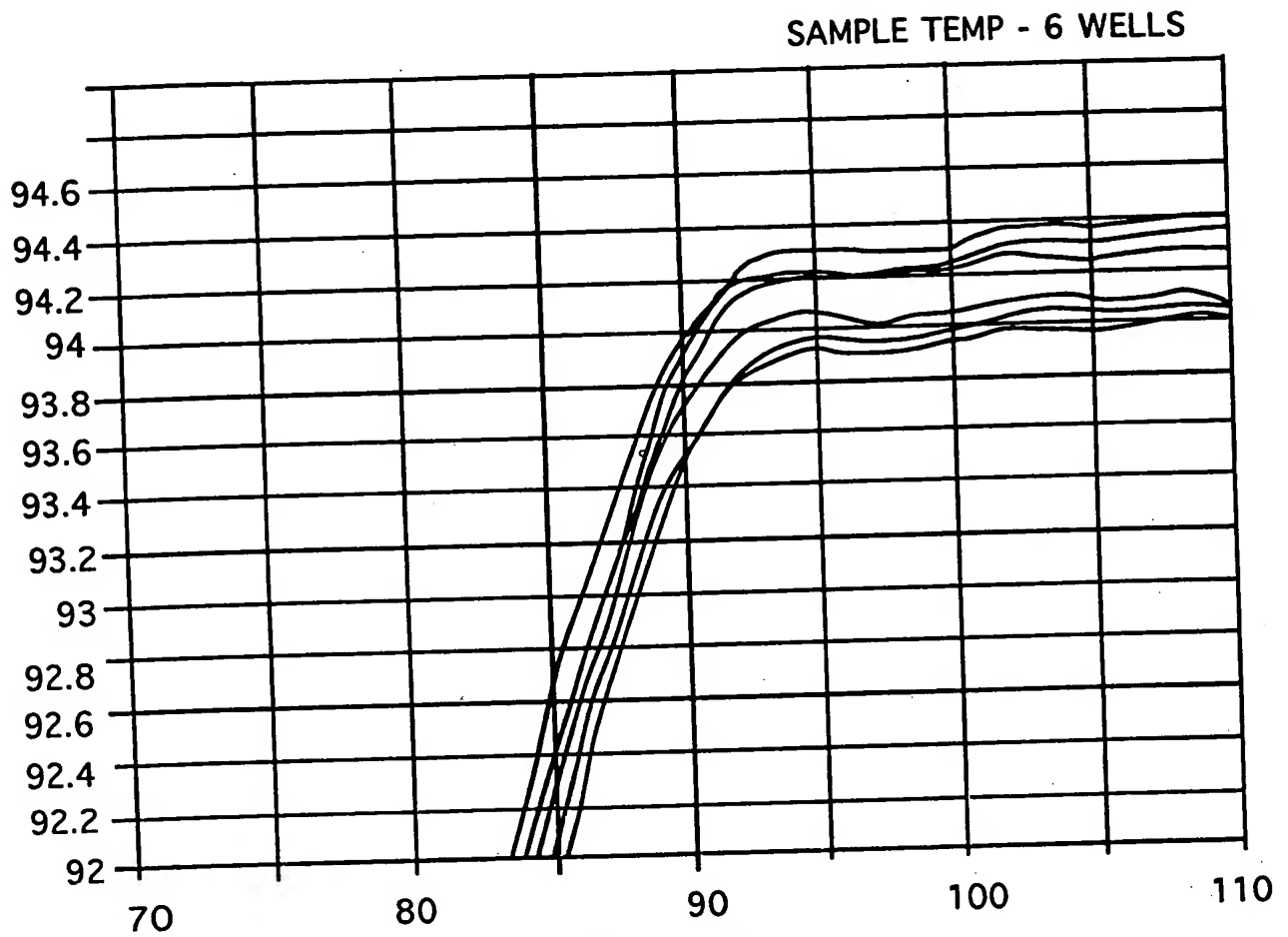
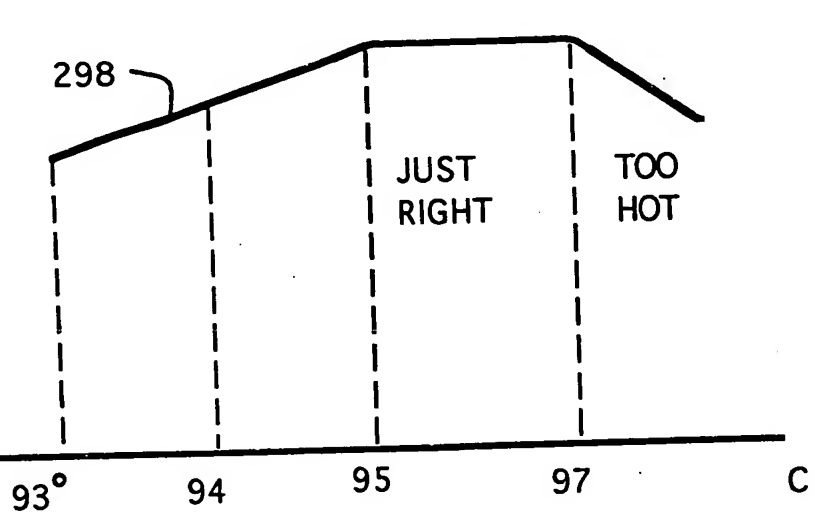
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROLAMOUNT OF DNA
GENERATED

FIG. 18

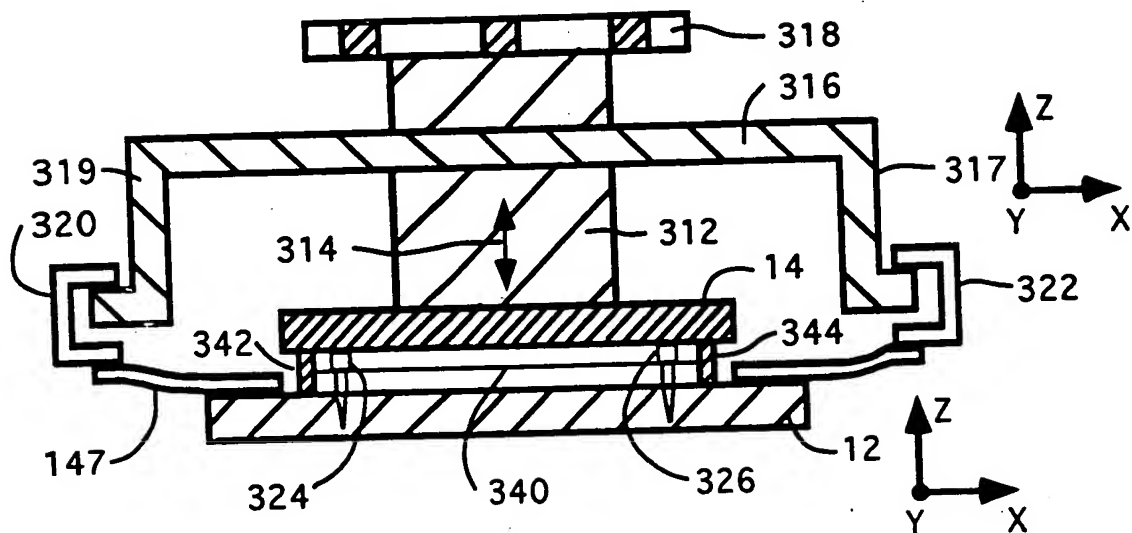


FIG. 19

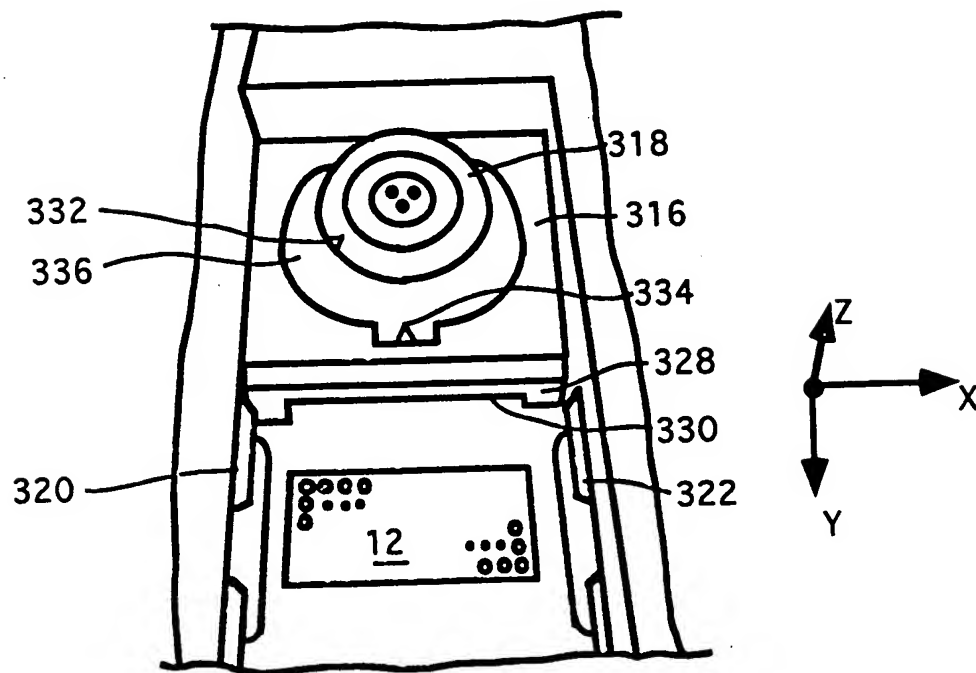
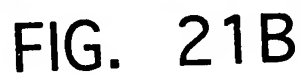


FIG. 20



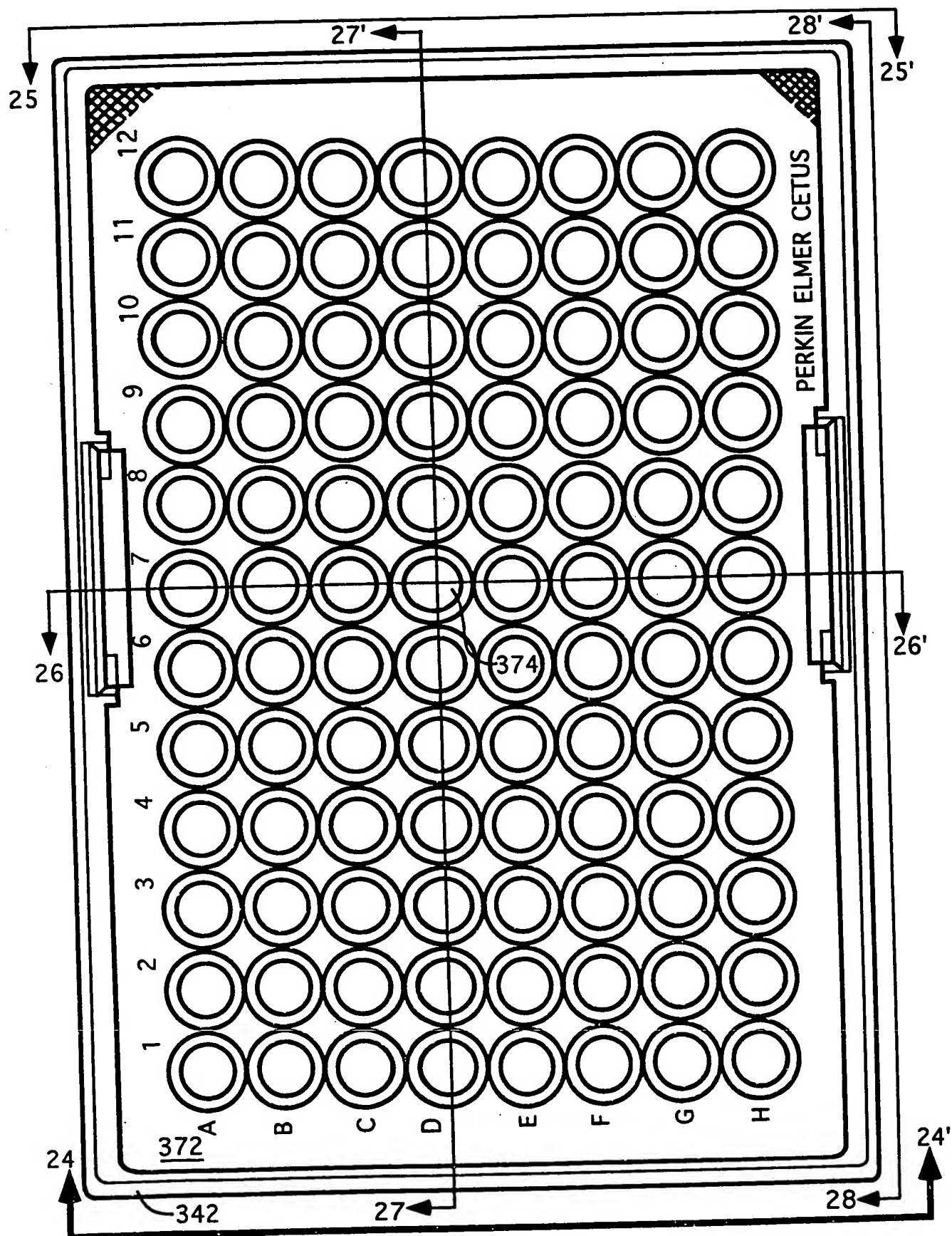
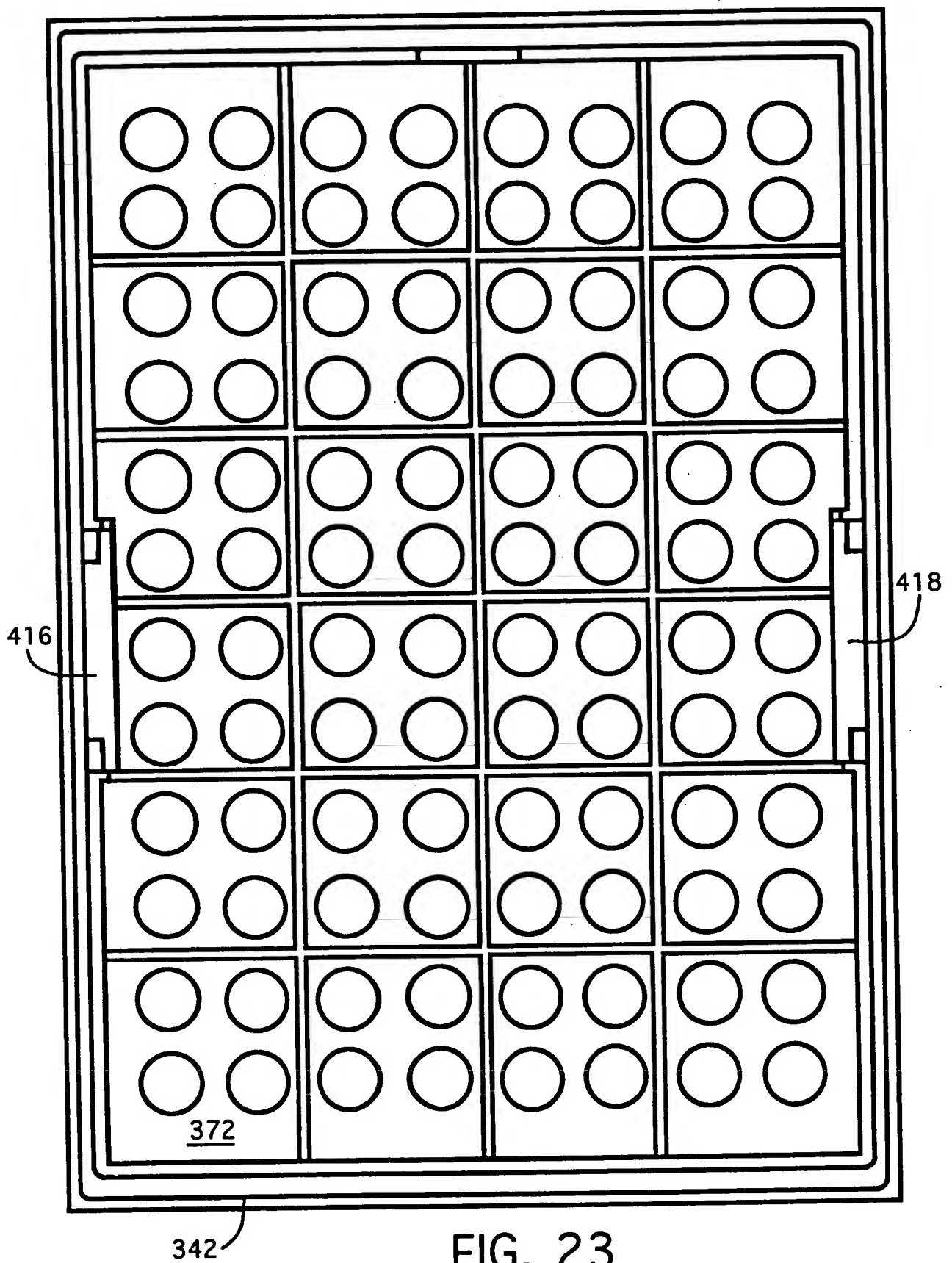
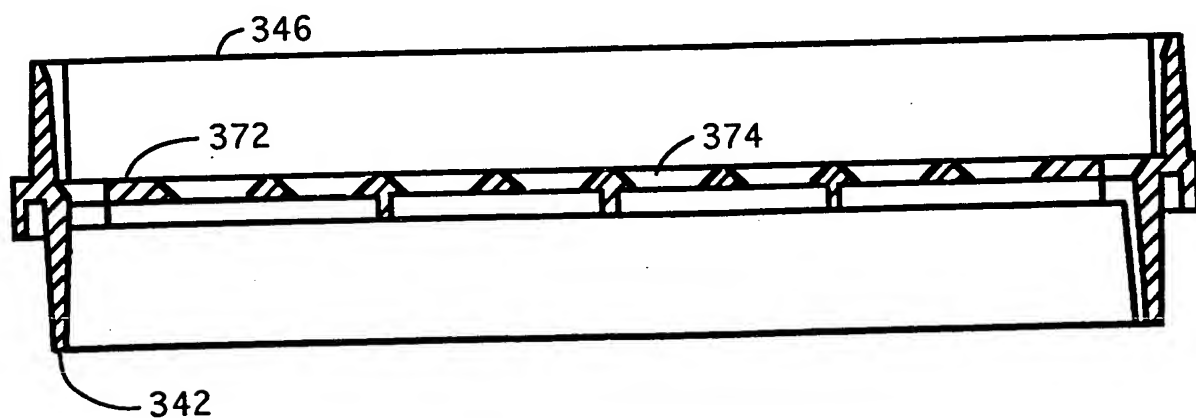
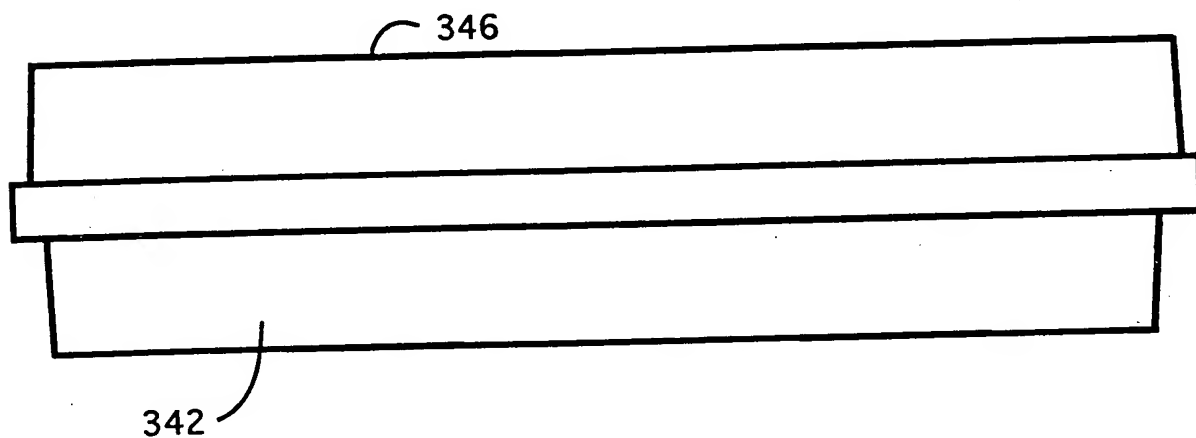
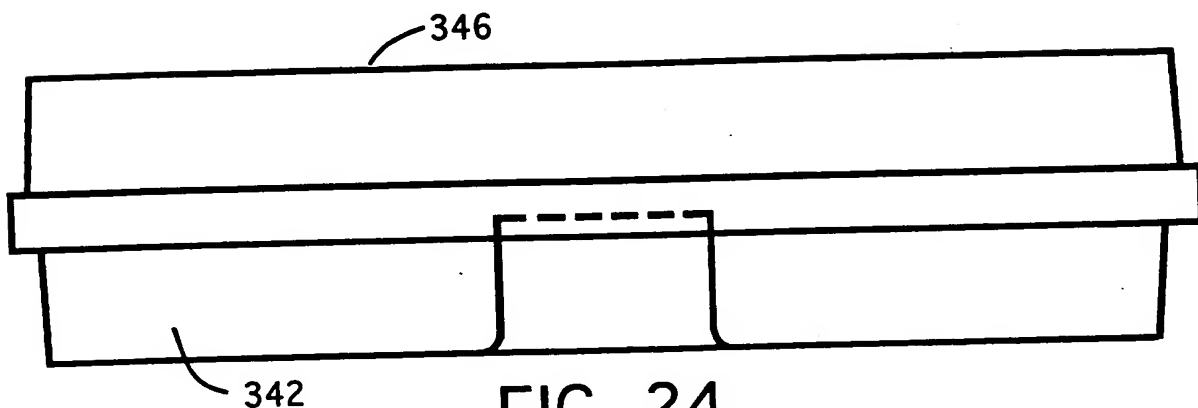
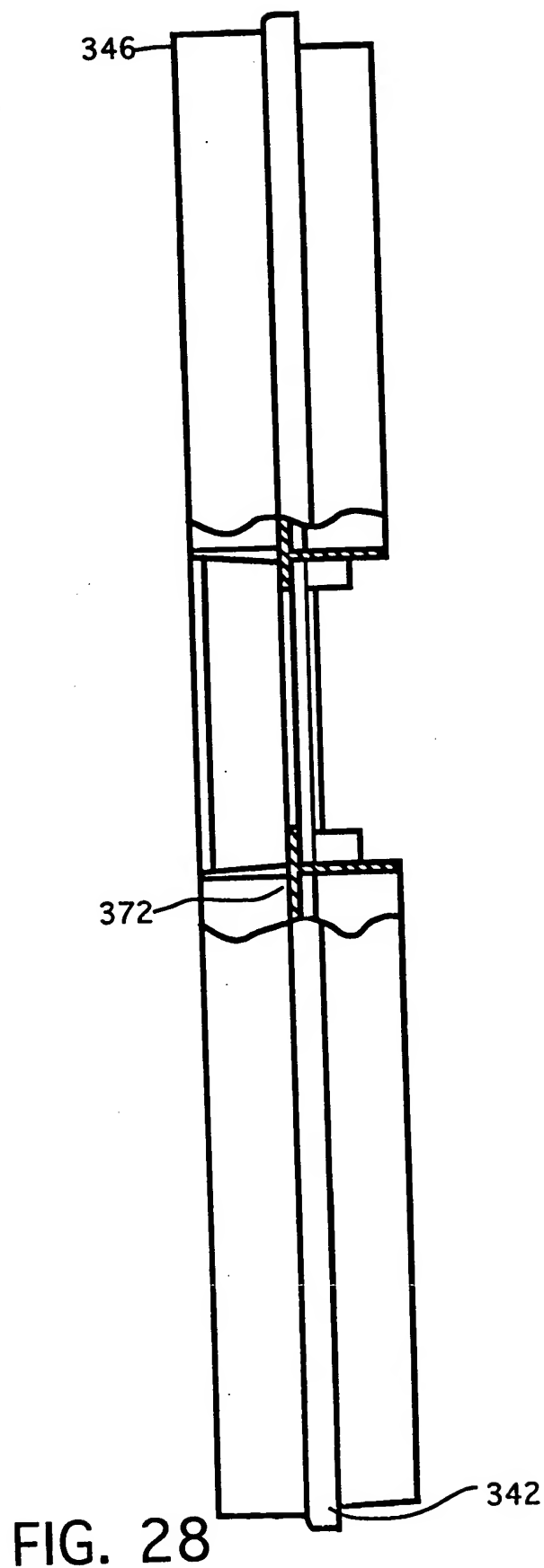
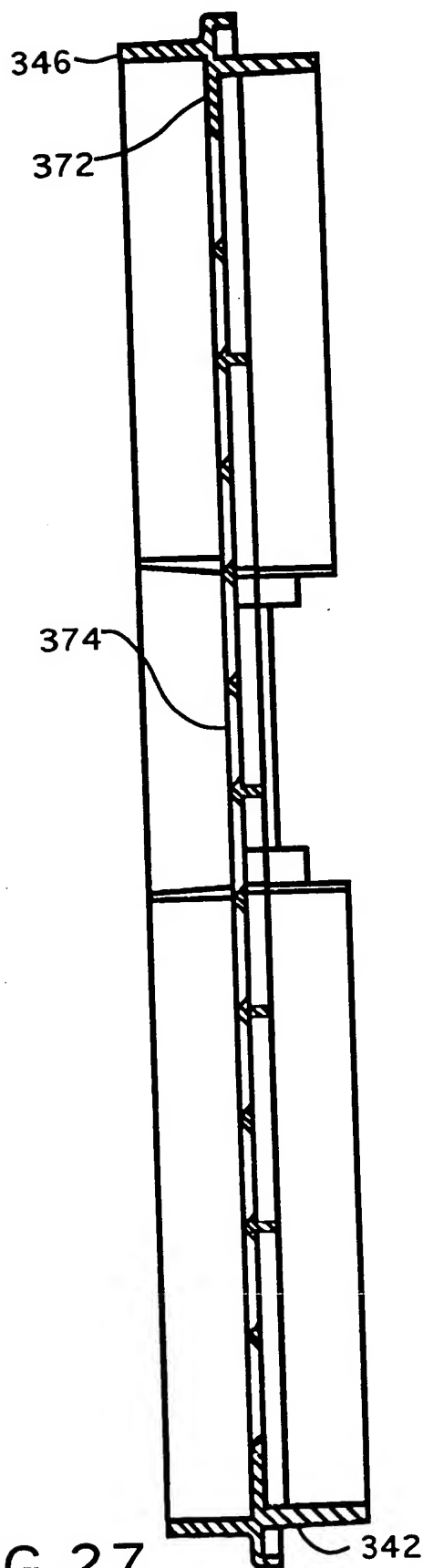


FIG. 22

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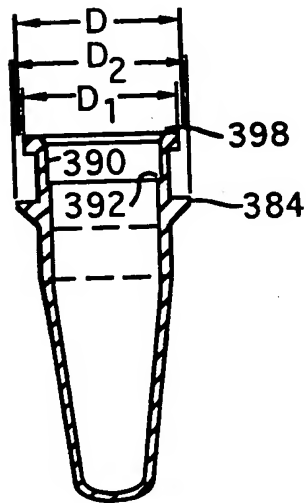


FIG 29

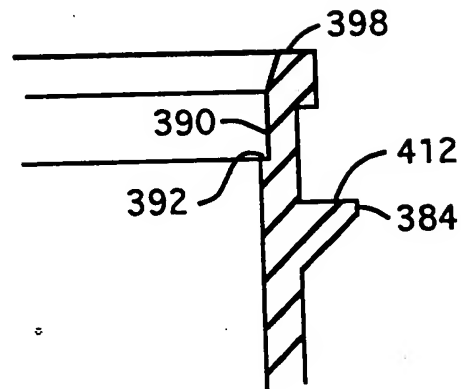


FIG 30

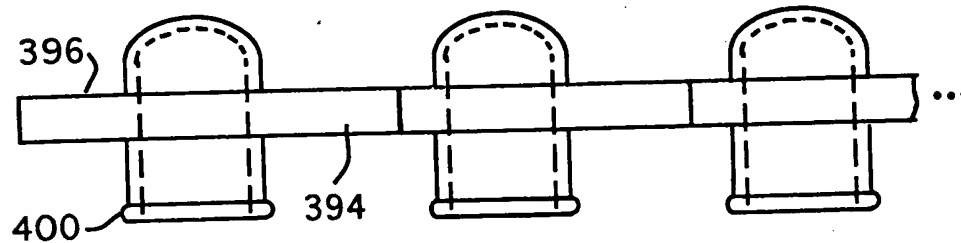


FIG 31

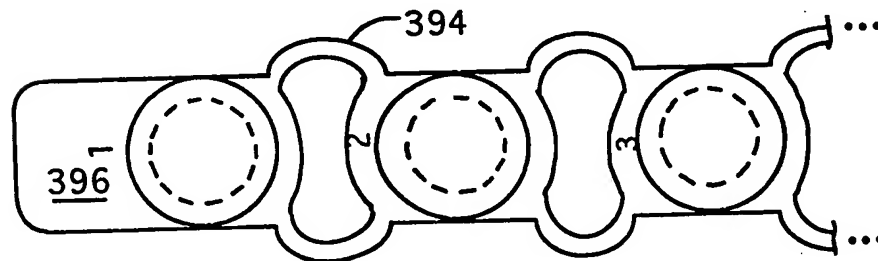


FIG 32

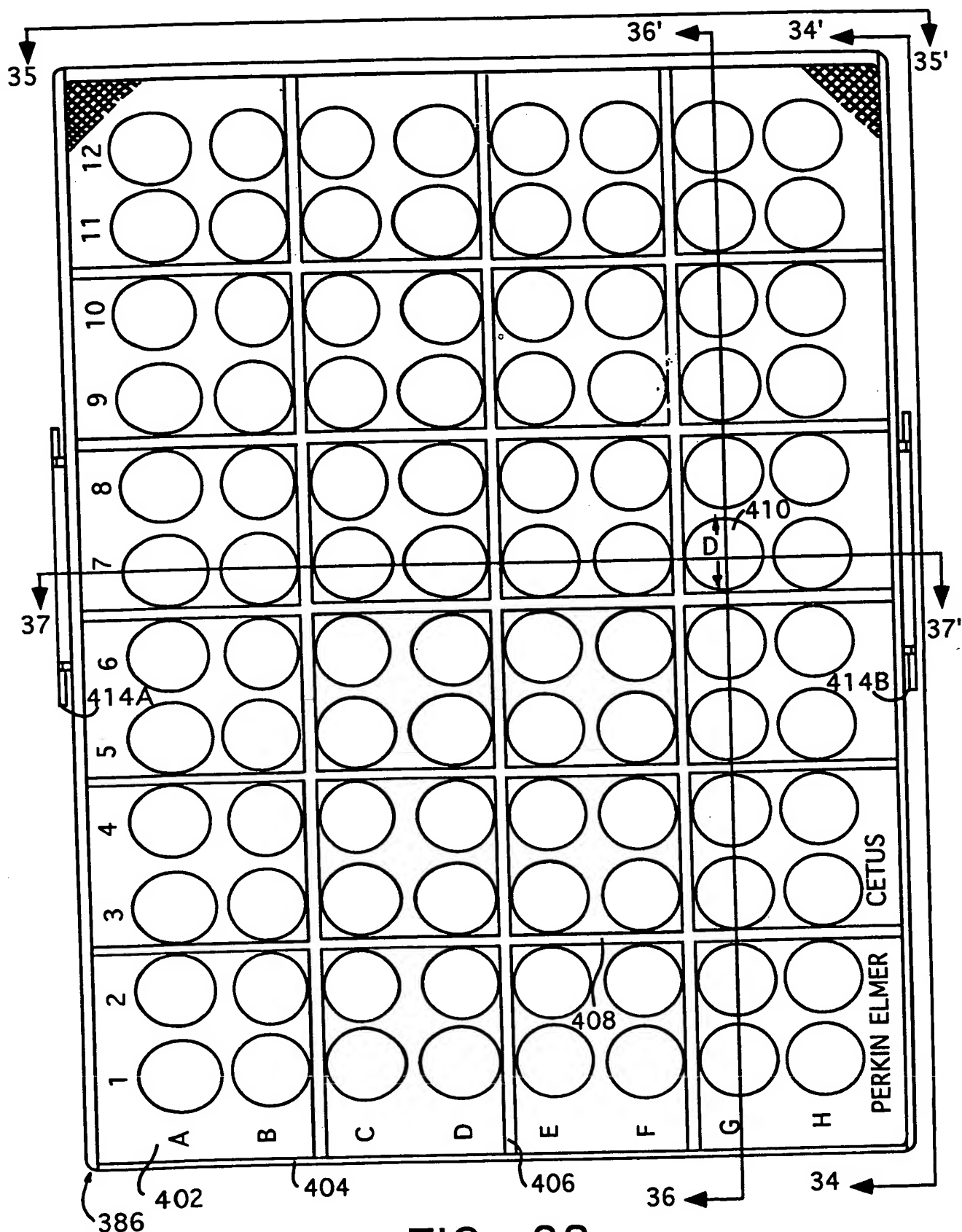


FIG. 33

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TEMPERATURE CONTROL

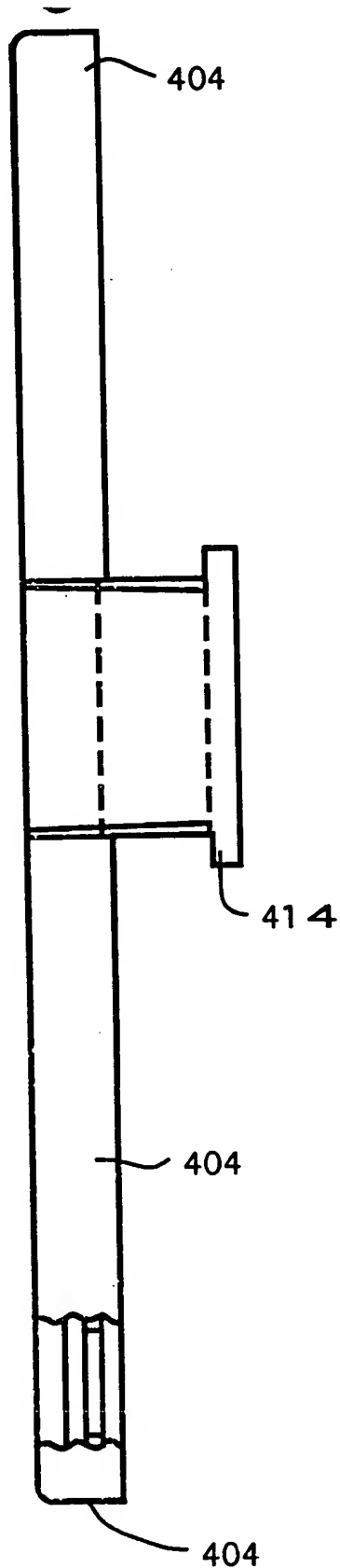


FIG. 34

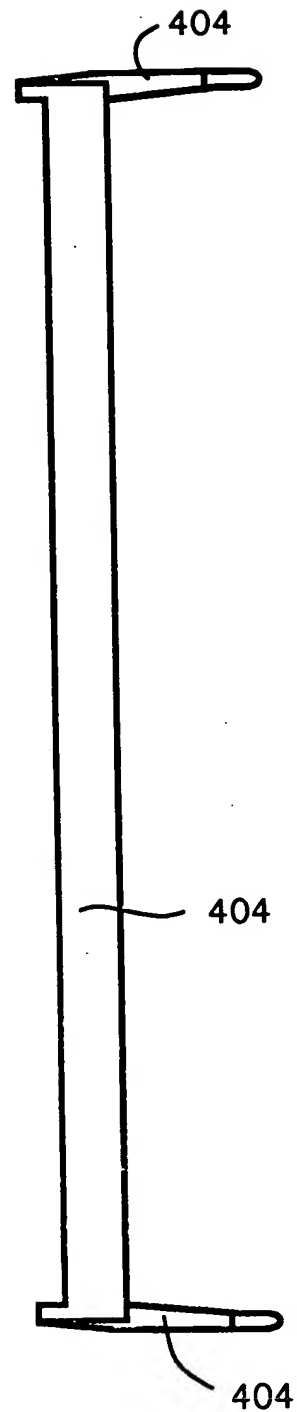


FIG. 35

Applicant(s): Atwood et al.

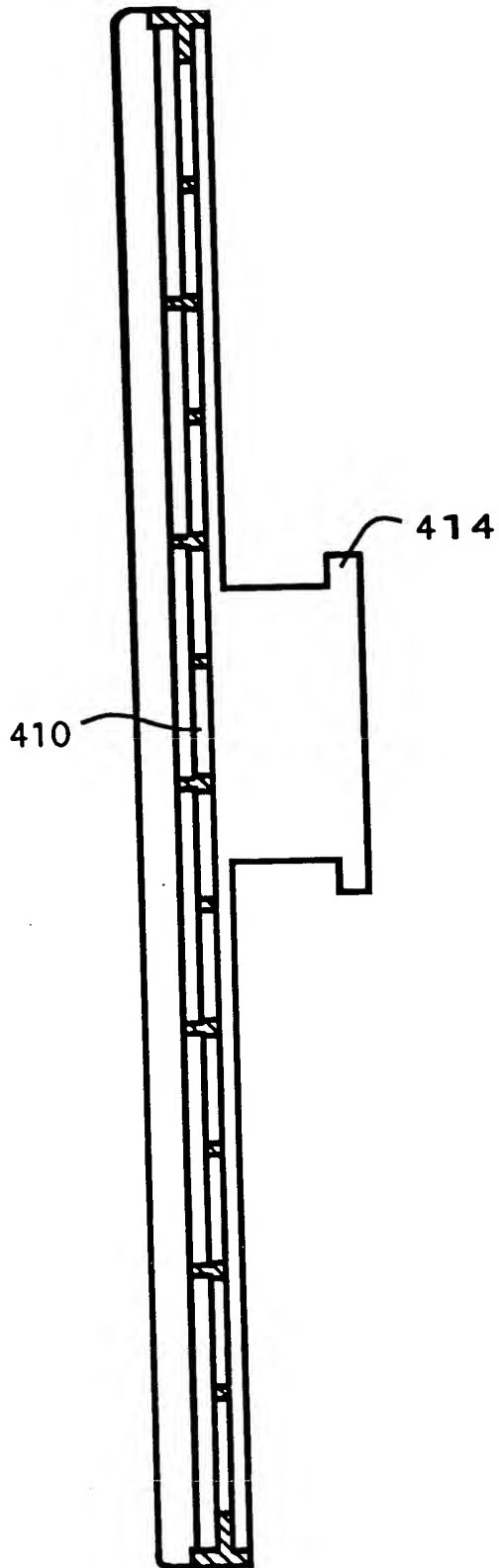
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

FIG. 36

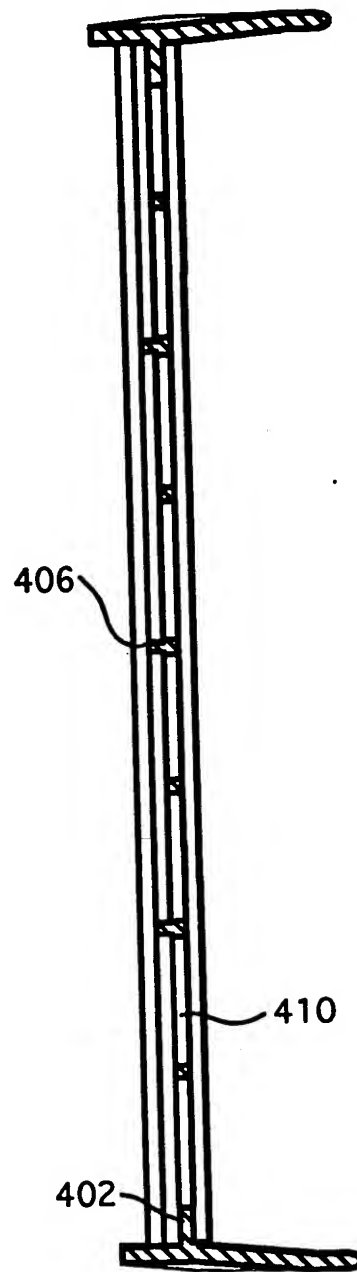
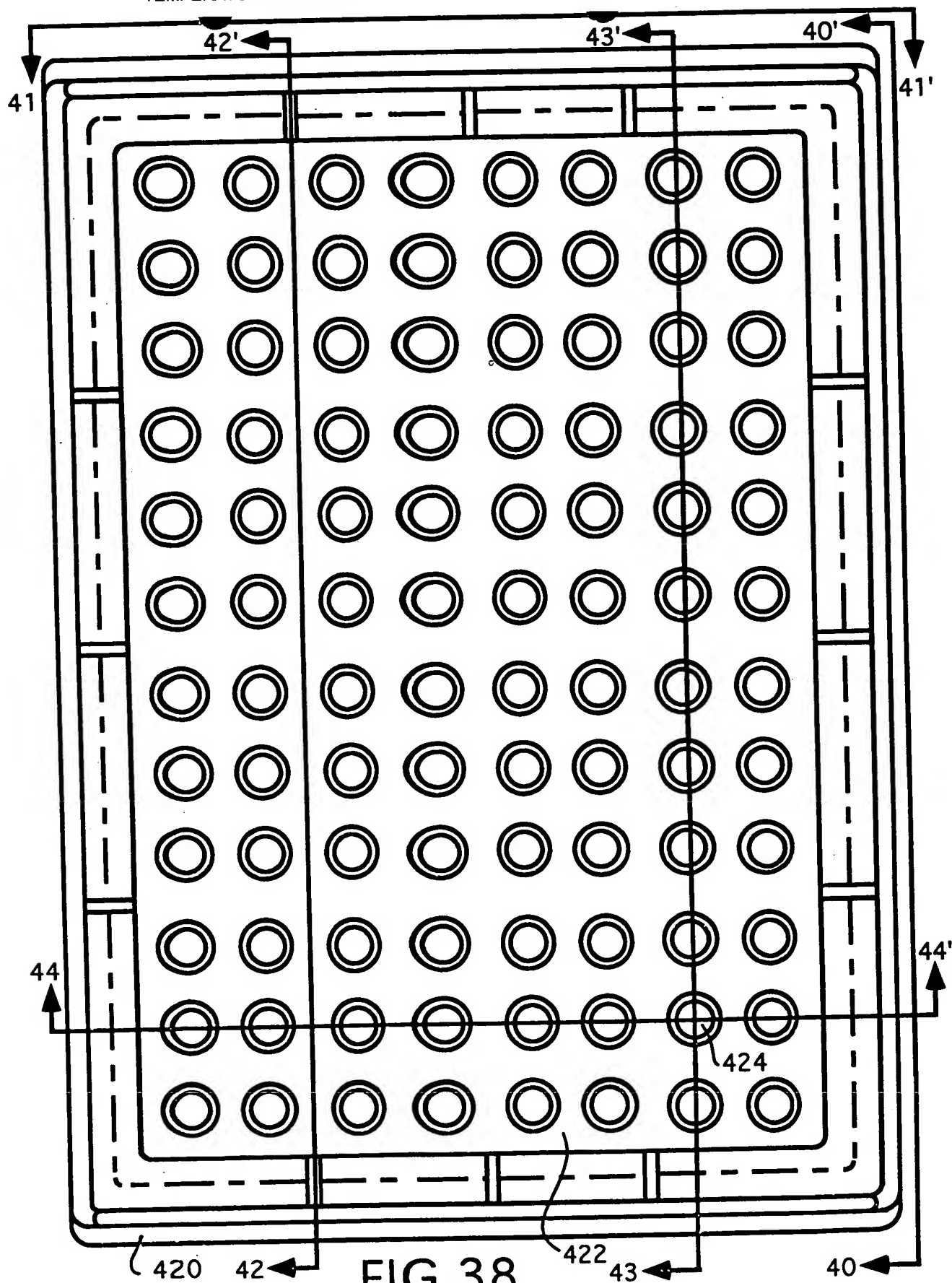


FIG. 37

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TEMPERATURE CONTROL

Applicant(s): Atwood et al.

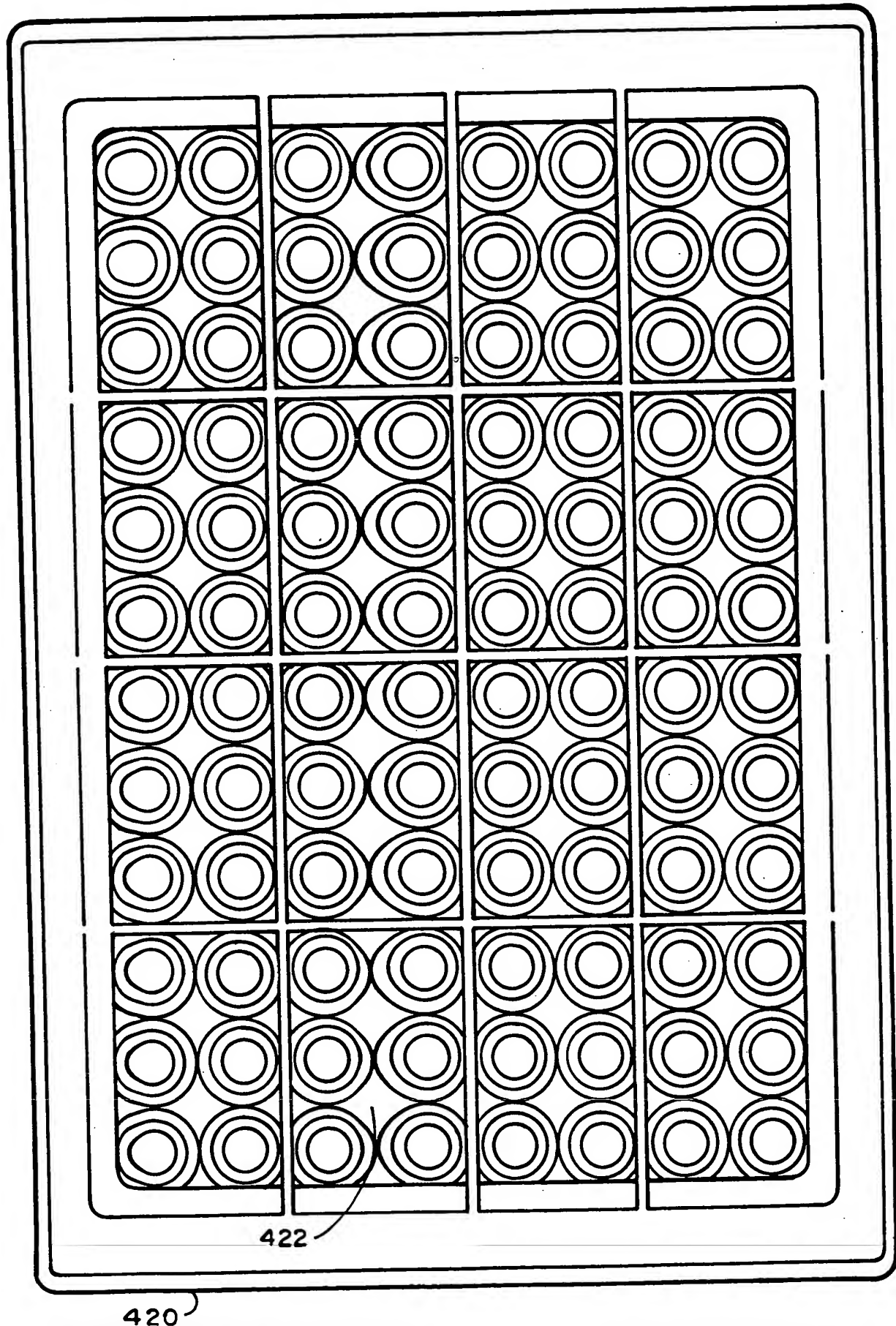
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

FIG. 39

Applicant(s): Atwood et al.

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

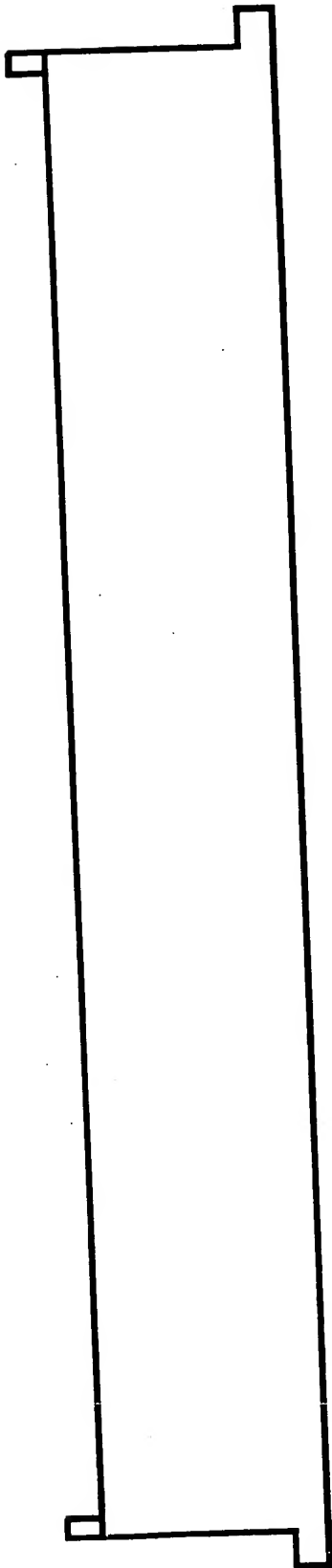


FIG. 40

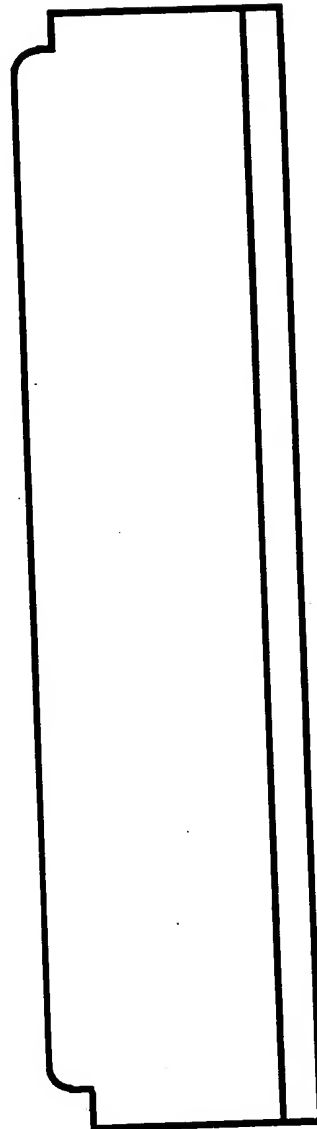


FIG. 41

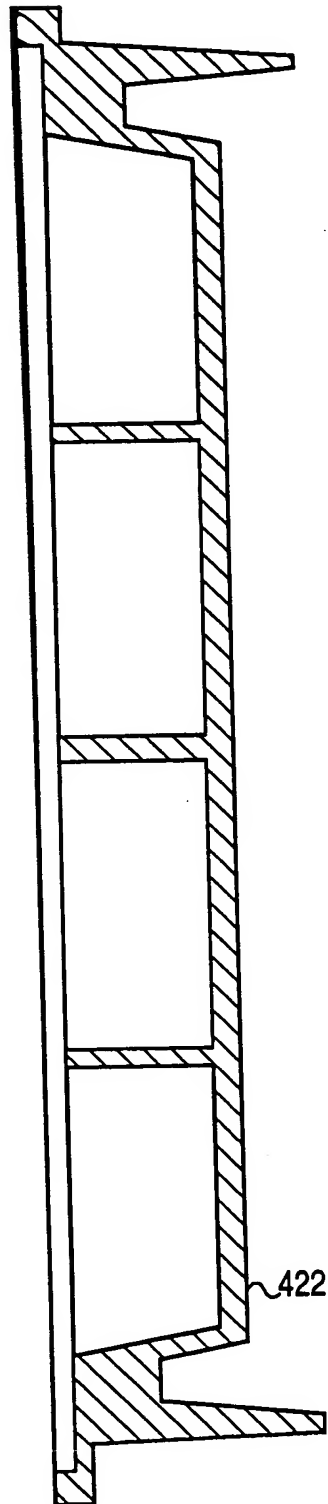


FIG. 42

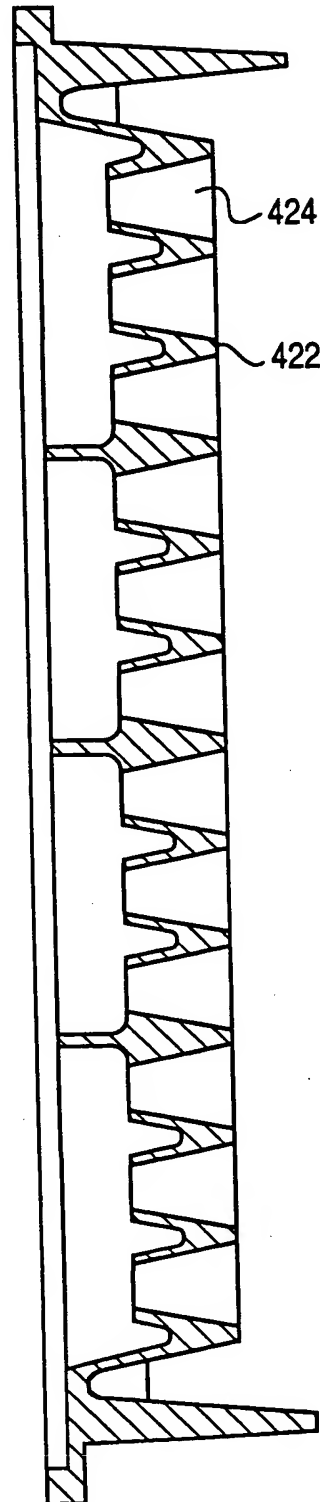


FIG. 43

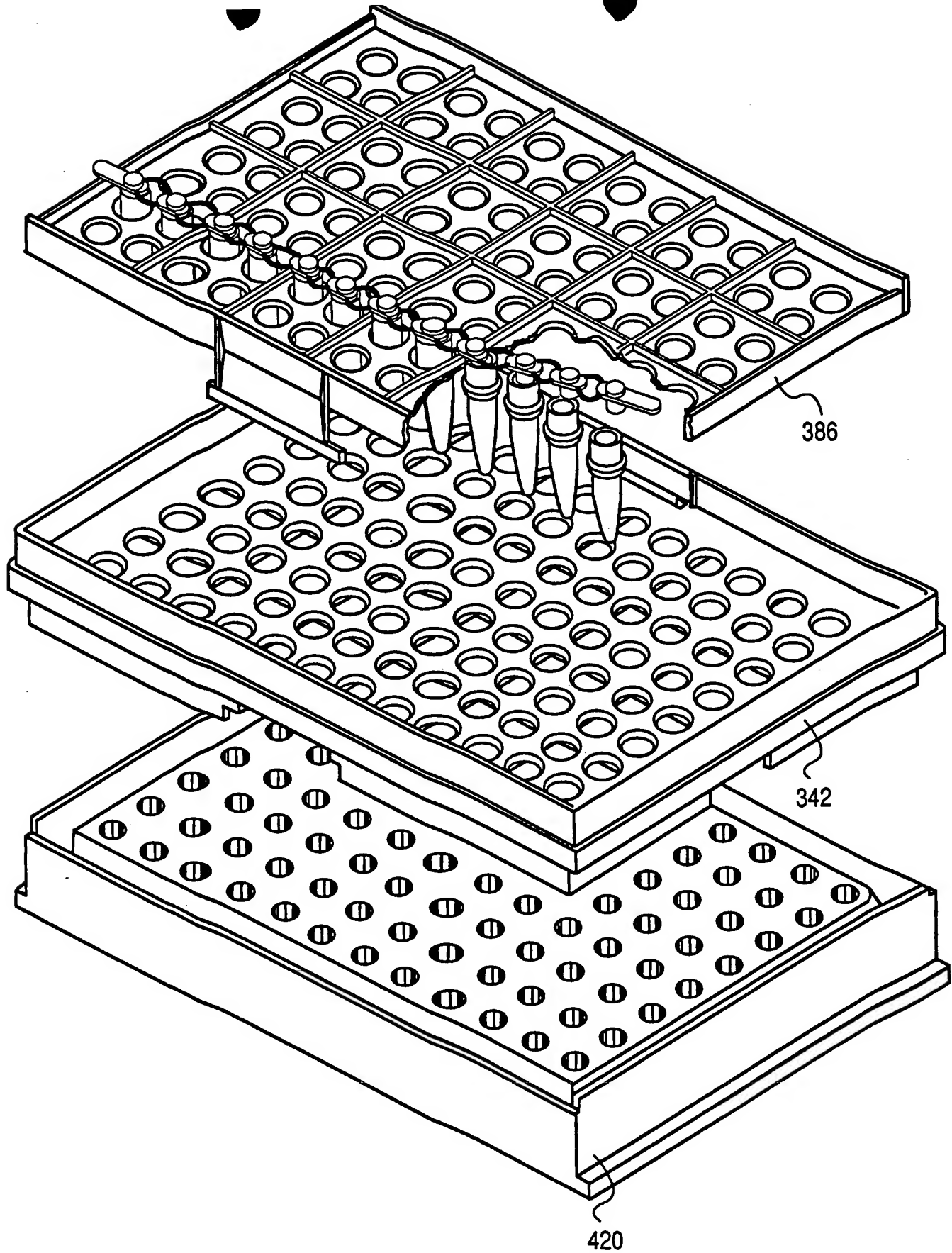


FIG. 45

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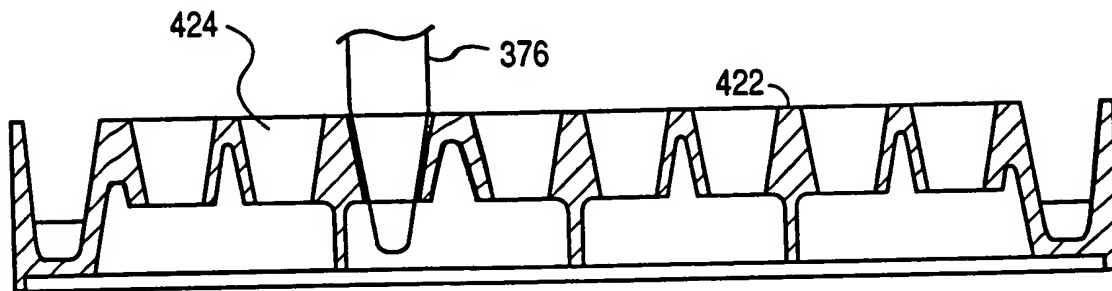
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
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TEMPERATURE CONTROL

FIG. 44

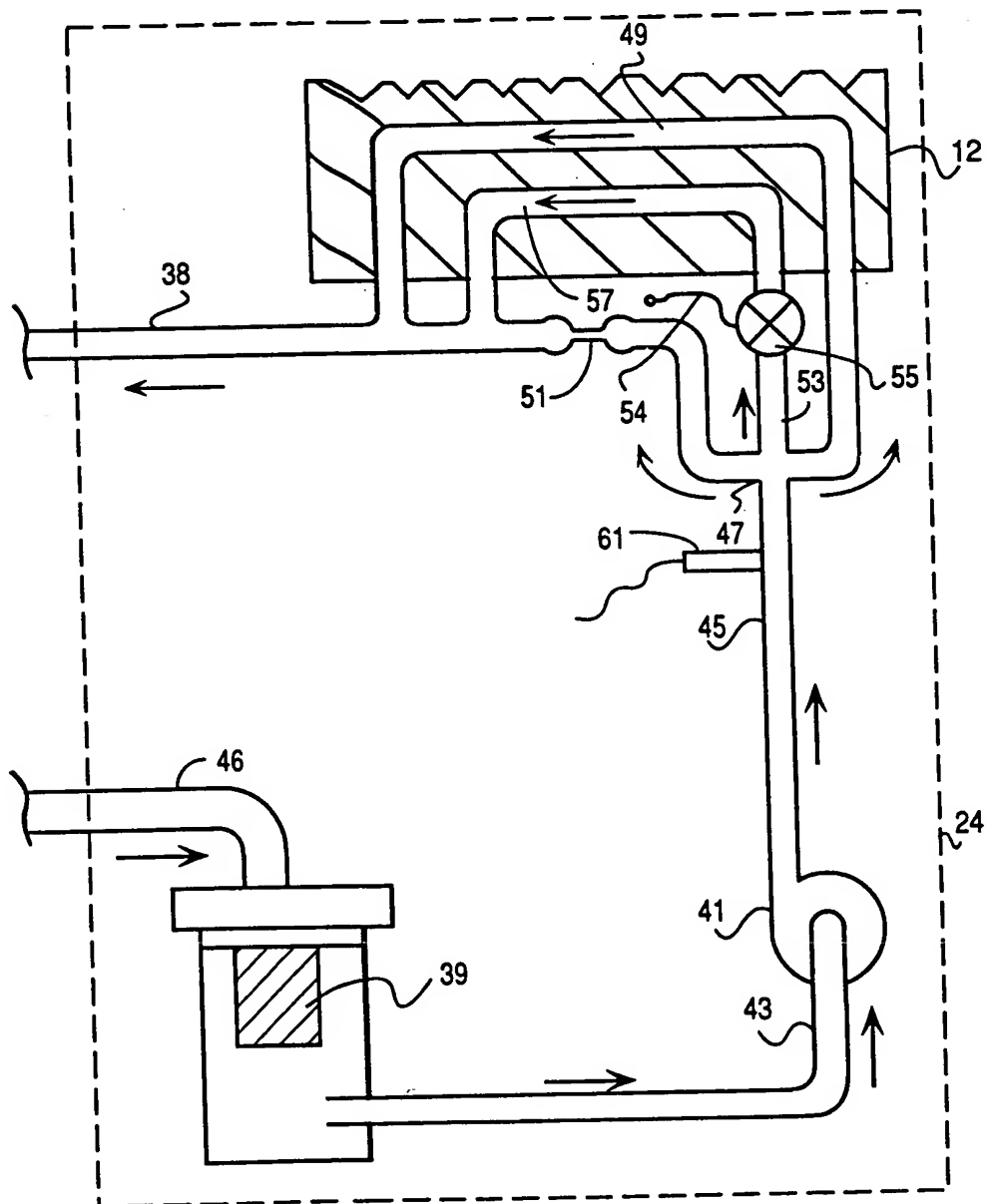


FIG. 46

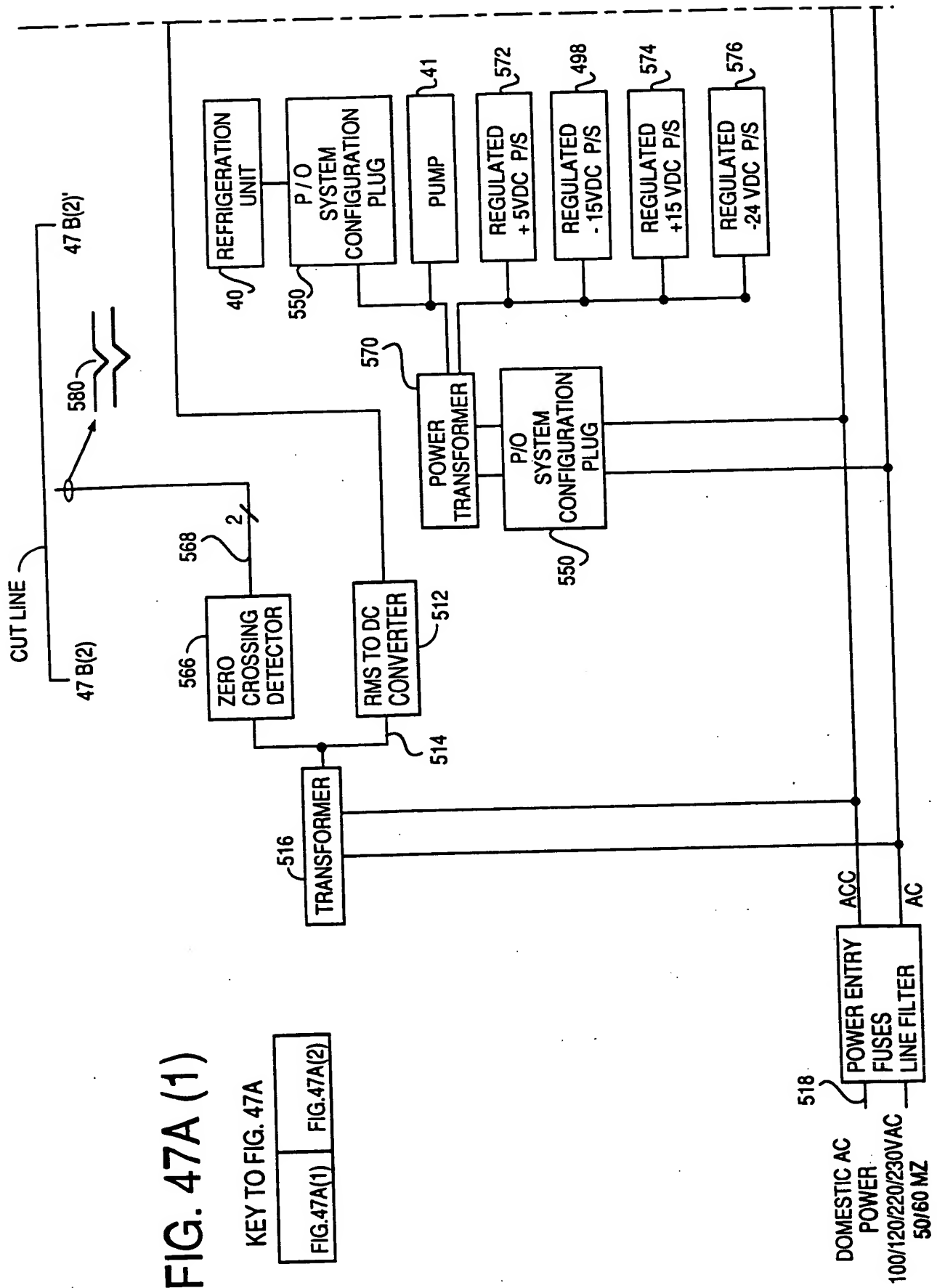
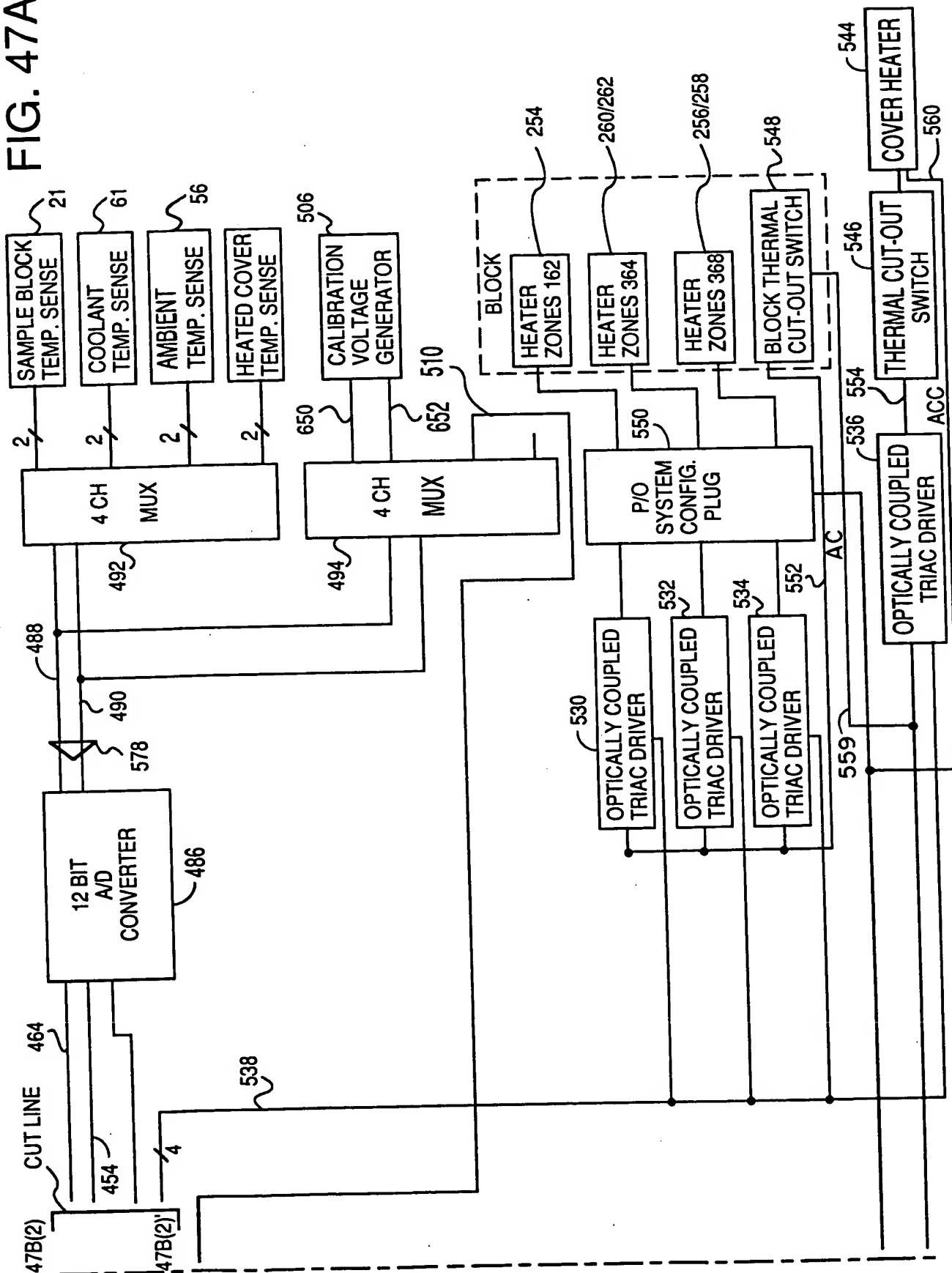


FIG. 47A(1)

KEY TO FIG. 47A

FIG. 47A(1)	FIG. 47A(2)
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FIG. 47A (2)



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TEMPERATURE CONTROL

KEY TO
FIG. 47B

FIG. 47B (1)	FIG. 47B (2)
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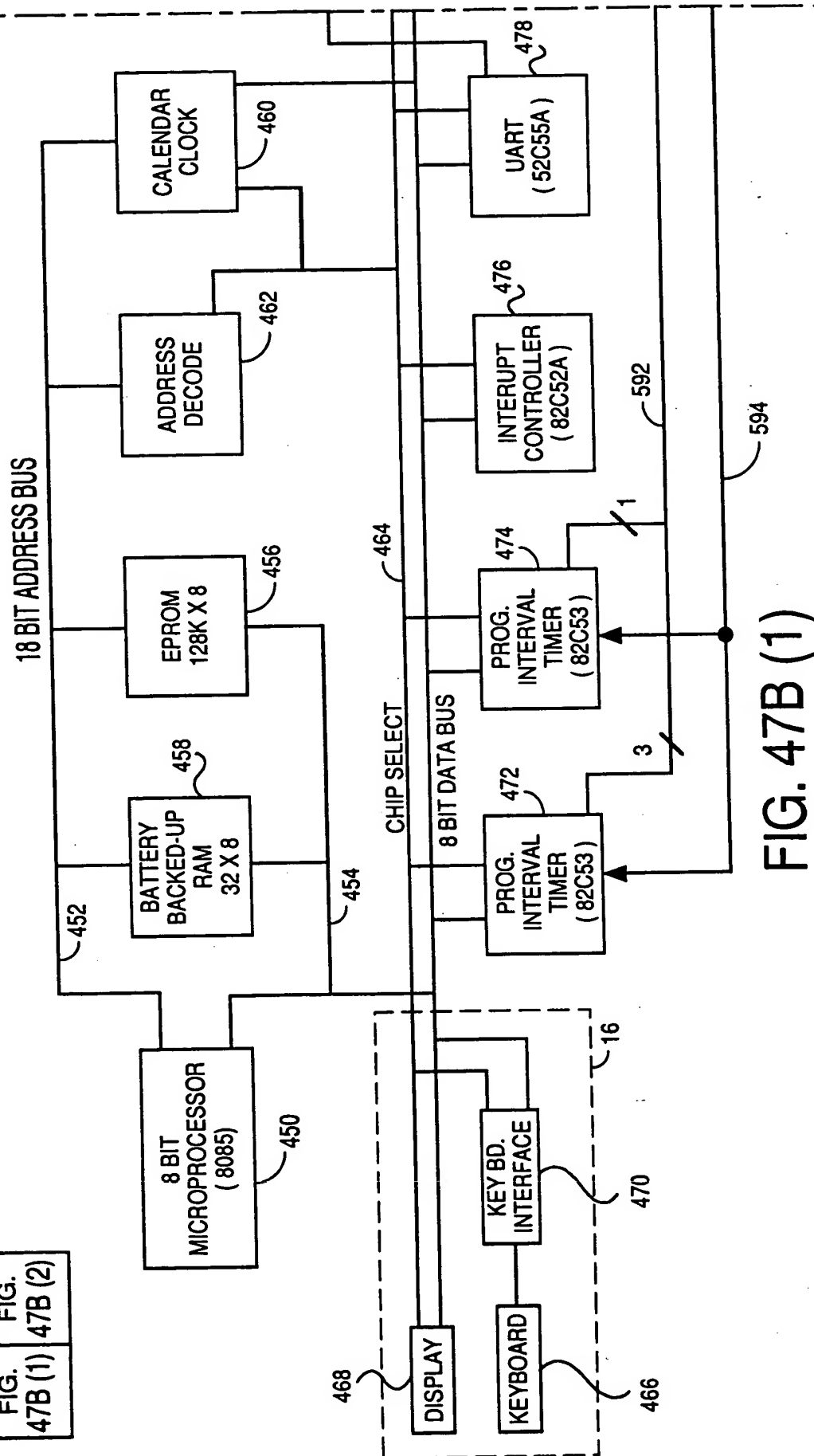


FIG. 47B (1)



47A'(2)

47A(2)

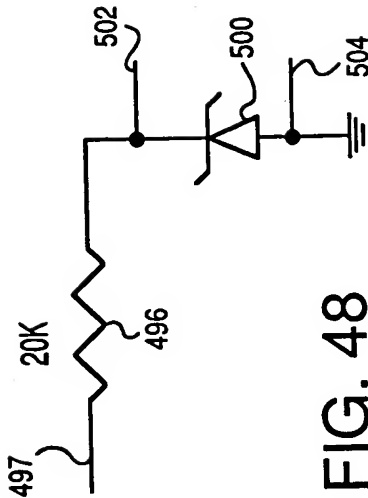


FIG. 48

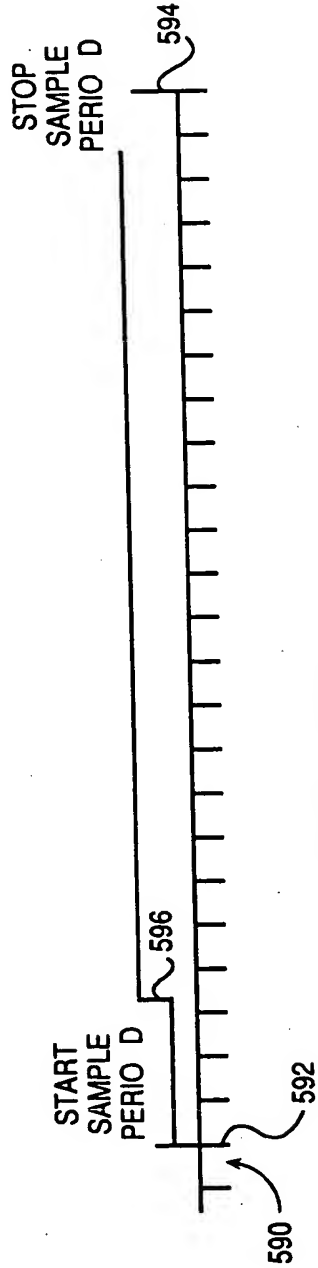


FIG. 49

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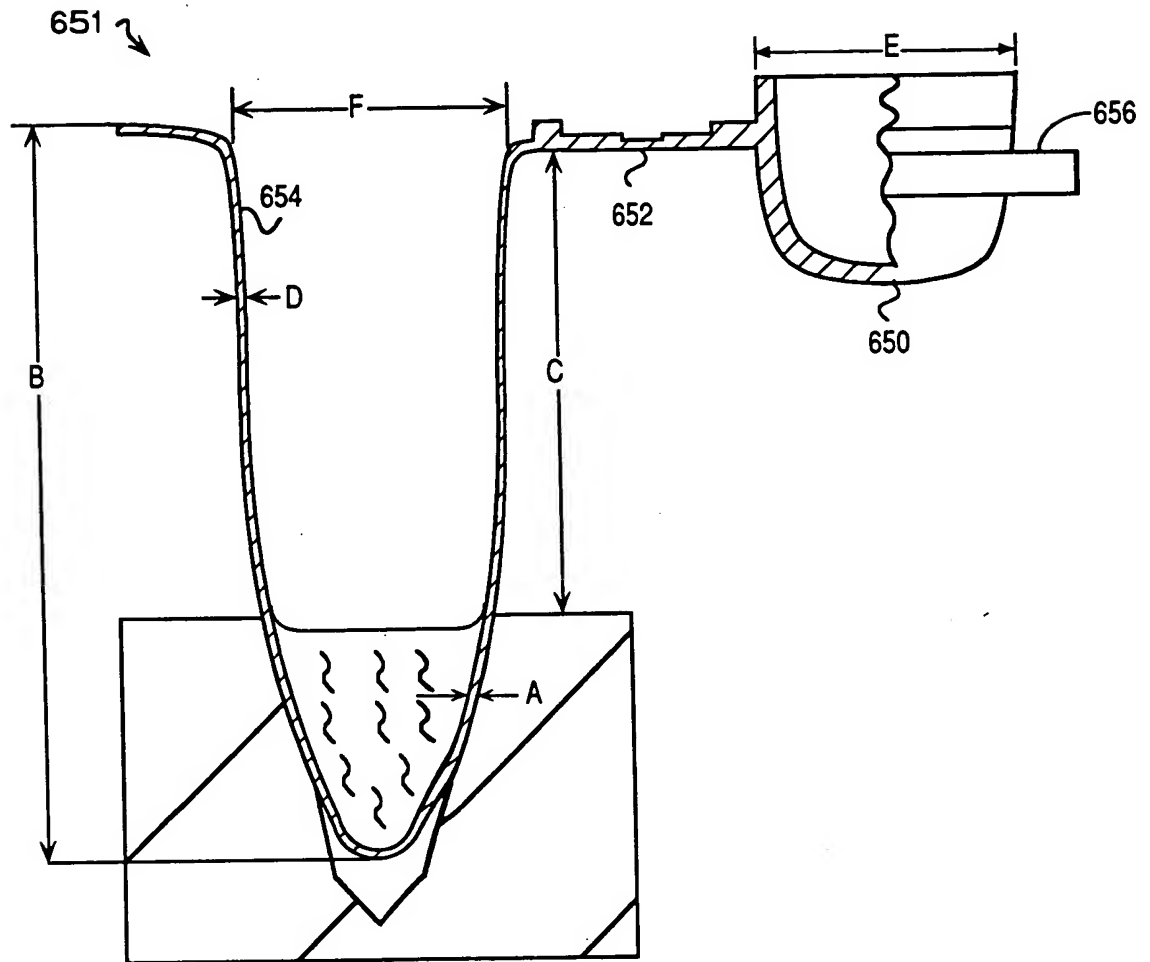
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
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FIG. 50

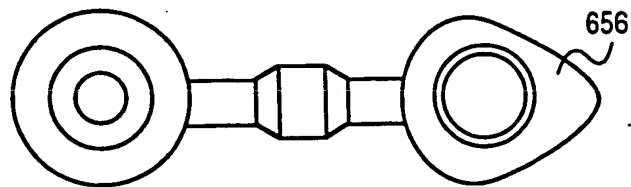


FIG. 52

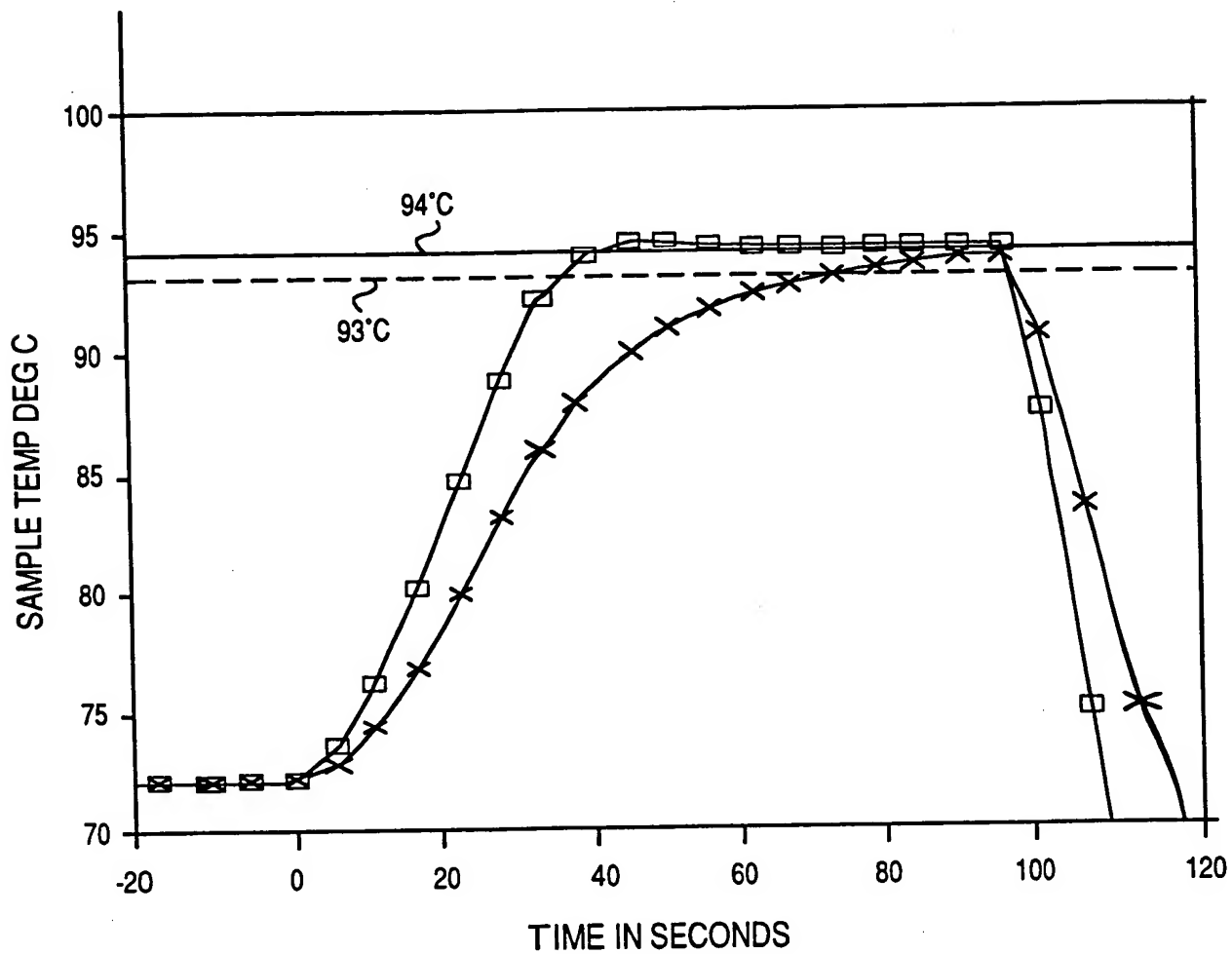
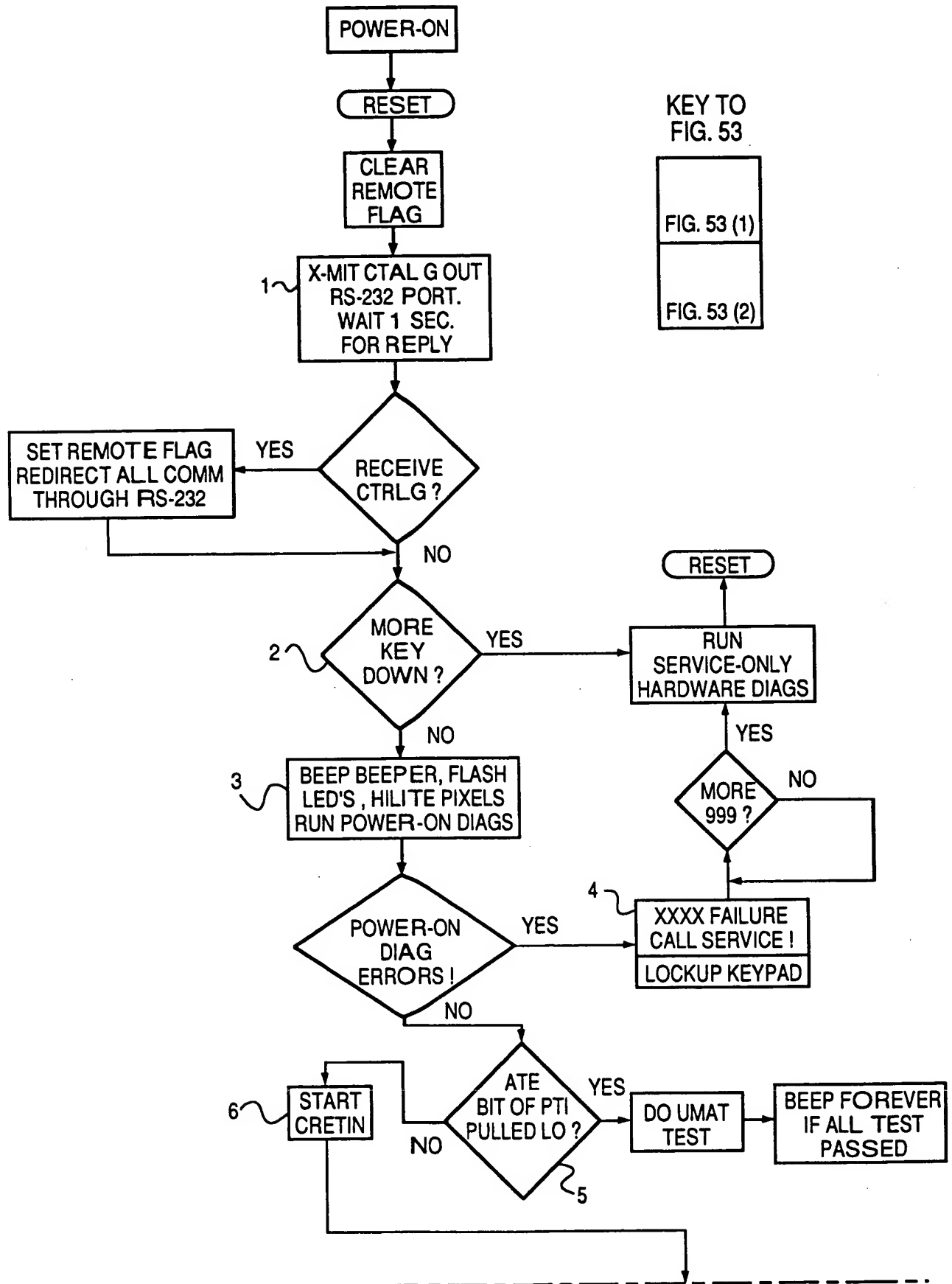


FIG. 51



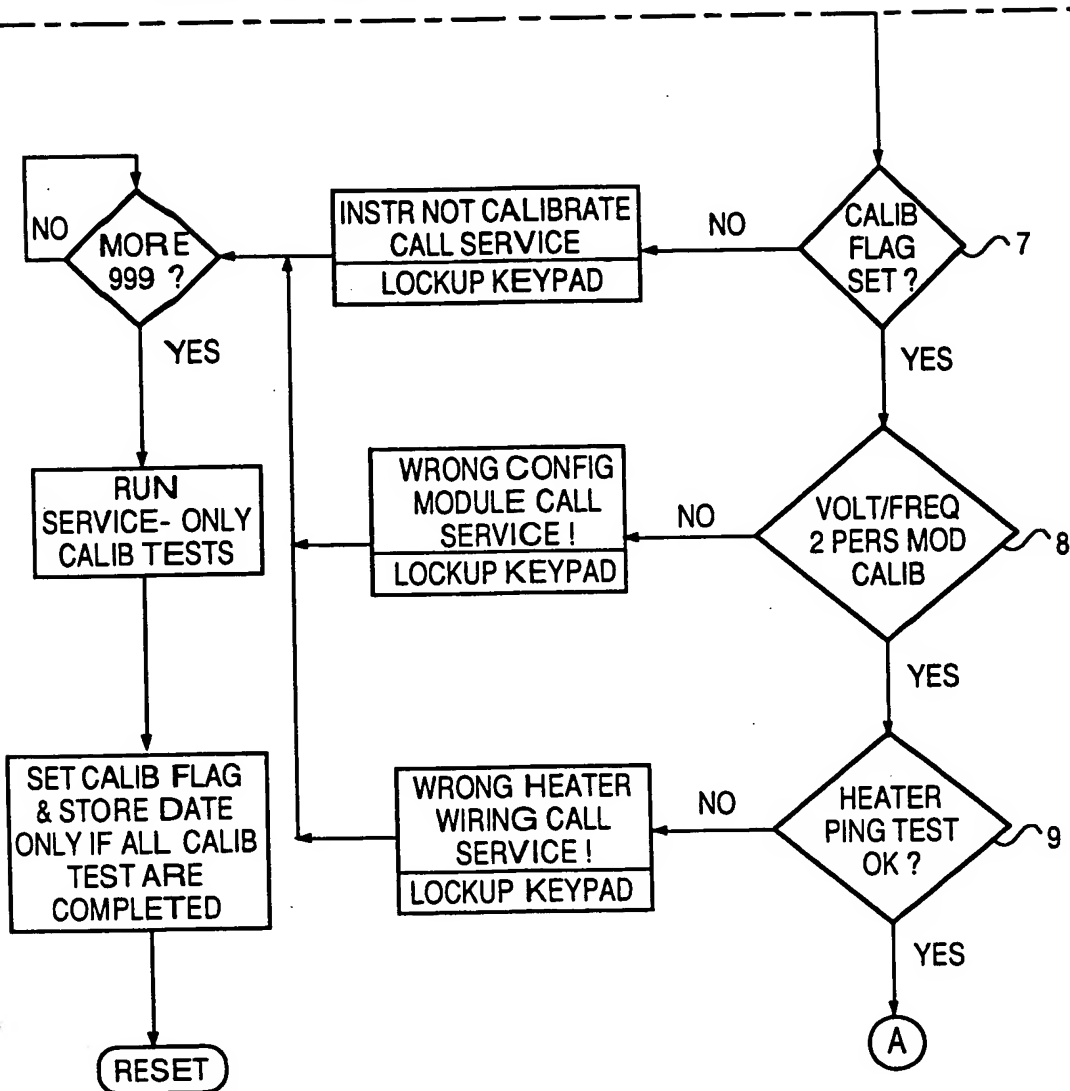


FIG. 53 (2)

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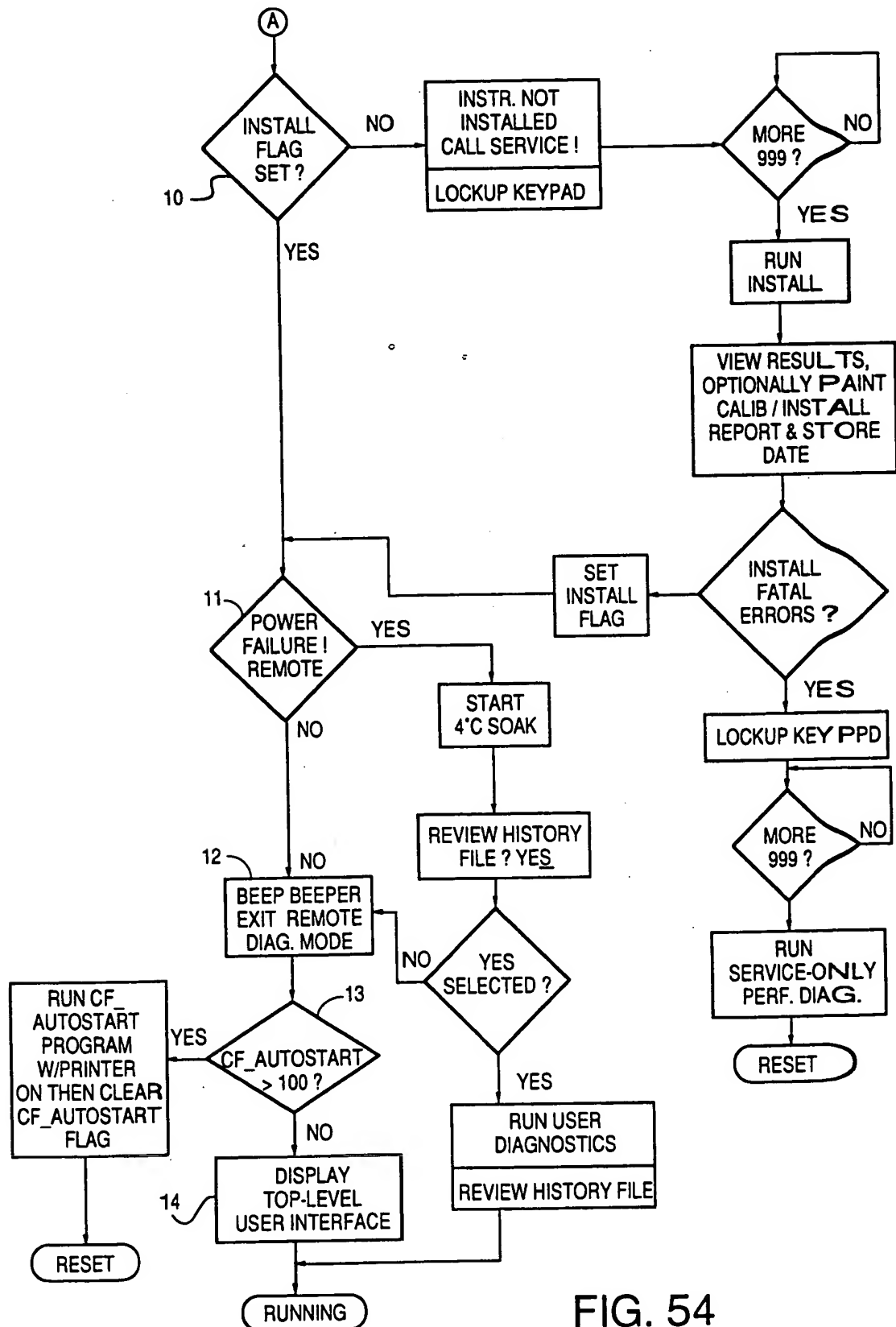
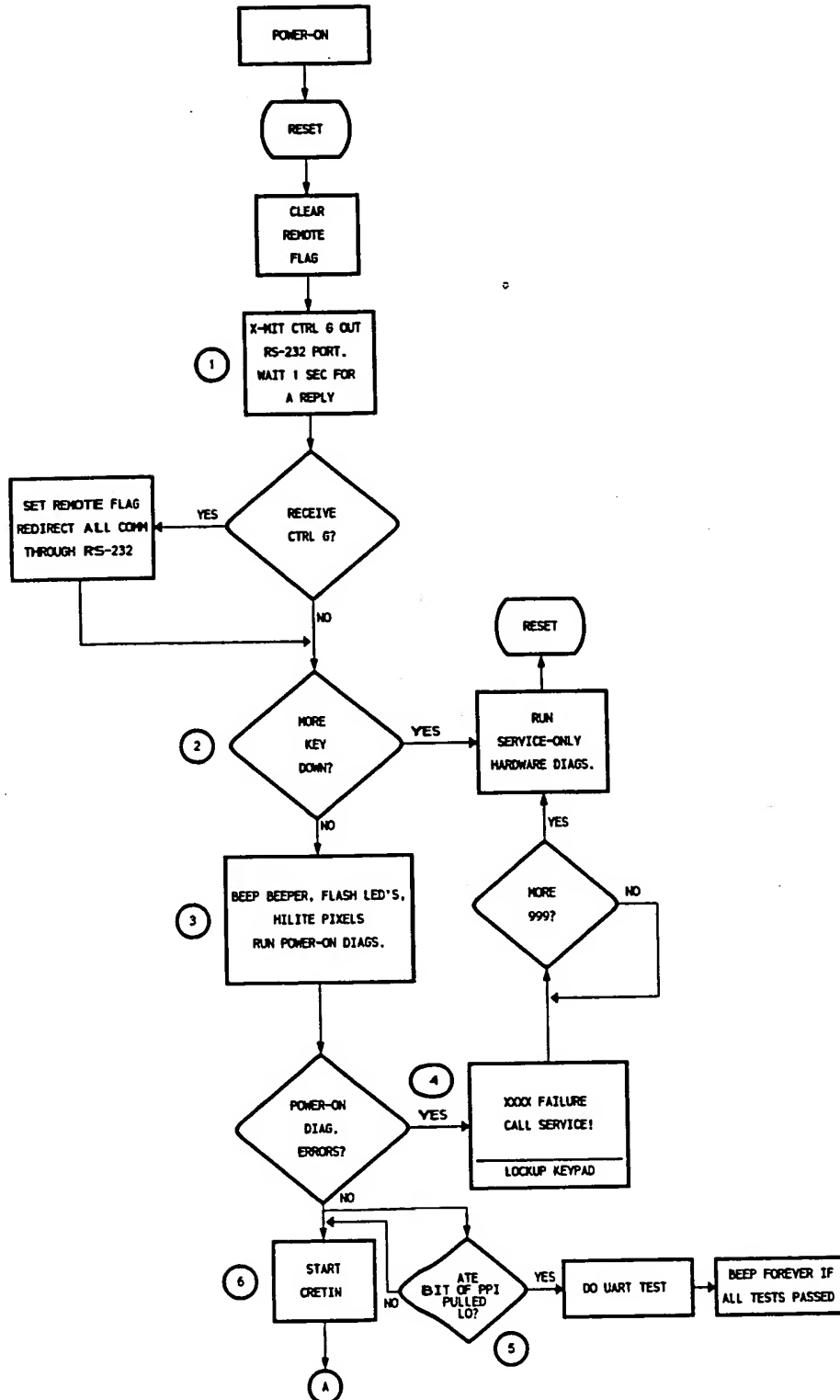
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FIG. 54

Figure 55.1



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FIG. 55.2

